

LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY

Wednesday December 7, 2016

Los Angeles



Bonhams



LAPIDARY WORKS OF ART, GEMSTONES, MINERALS AND NATURAL HISTORY

Wednesday December 7, 2016 at 10am

Los Angeles

BONHAMS

7601 W. Sunset Boulevard
Los Angeles, California 90046
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PREVIEW

Saturday, December 3,
12pm to 5pm
Sunday, December 4,
12pm to 5pm
Monday, December 5,
10am to 5pm
Tuesday, December 6,
10am to 5pm

SALE NUMBER: 23475

Lots 1 - 326

CATALOG: \$35

BIDS

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Please contact client services with any bidding inquiries.

Please see pages 147 to 149 for bidder information including Conditions of Sale, after-sale collection and shipment.

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ILLUSTRATIONS

Front cover: Lot 49
Inside front cover: Lot 160
First session page: Lot 8
Second session page: Lot 55
Inside back cover: Lot 7
Back cover: Lot 253

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ORDER OF SALE

Fossils and Meteorites	1 - 17
Lapidary Works of Art, Gemstones, Minerals (listed alphabetically)	18 - 295
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Current law dictates that jadeite and rubies of Burmese origin and any articles of jewelry containing jadeite or rubies of Burmese origin may not be imported into the U.S. Certification that such jadeite or rubies were not mined in or extracted from Burma is required for importation of them into the U.S.

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ERA	PERIOD	EPOCH	MILLION YEARS AGO
CENOZOIC	QUATERNARY	Holocene (Recent)	Present to 0.01
		Pleistocene (Ice Age)	0.01 to 2
	TERTIARY	Pliocene	2 to 5
		Miocene	5 to 25
		Oligocene	25 to 38
		Eocene	38 to 55
		Paleocene	55 to 65
MESOZOIC <i>(Age of the Dinosaurs)</i>	CRETACEOUS		65 to 144
	JURASSIC		144 to 213
	TRIASSIC		213 to 248
PALEOZOIC	PERMIAN		248 to 286
	CARBONIFEROUS		286 to 360
	DEVONIAN		360 to 408
	SILURIAN		408 to 438
	ORDOVICIAN		438 to 505
	CAMBRIAN		505 to 590

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The export of a lot from the United States or import into certain countries may be subject to export or import regulations, licensure and/or other restrictions; in particular, lots containing plant or animal materials such as ivory, rhinoceros horn, tortoiseshell, coral, whalebone or certain types of woods, irrespective of age or value, may require the granting of one or more export or import licenses or certificates, or may be banned from import altogether by some countries. Moreover, the ability to obtain an export license or certificate does not insure the ability to obtain an import license or certificate in another country. Lots that contain such regulated species materials may also not be eligible for exportation or for re-importation into the United States if they are not at least 100 years of age, and, under current law, lots containing African Elephant Ivory may no longer be re-imported into the United States regardless of age. In addition, resales of lots containing certain regulated species materials may be subject to restrictions in some jurisdictions.

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Prospective buyers should also check with their local (e.g. state) regulatory authorities regarding any local restrictions and/or permit requirements that may apply with respect to purchases of regulated species materials, including without limitation purchases of items containing elephant ivory or rhino horn. For example, we are advised that New York buyers of any lot containing elephant or mammoth ivory or rhino horn will be responsible for obtaining a New York State permit before taking possession of the lot within New York State, and that the State of New Jersey has banned the import of items containing elephant or marine mammal ivory or rhino horn into that state.

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FOSSILS AND METEORITES

Lots 1-17





1

FOSSILS

1 IRIDESCENT FOSSIL AMMONITE

Placenticerus meeki

Upper Cretaceous

Bearpaw Formation, Magrath, Alberta, Canada

Prepared free of matrix this small, yet highly decorative ammonite displays a brilliant red sheen, with some yellows and greens and rare purple, produced by light interference by the layers of fossilized nacre. Coveted by collectors the world over, the finest ammonites from the Bear Paw Formation display remarkably brilliant colors not seen in ammonites from other localities. *Length 5 1/2in (13cm)*

\$3,500 - 4,500



2

2 COPAL VARIETY "KAURI GUM"

New Zealand

100,000 years old

Kauri Gum is the fossilized resin or sap of the Kauri Tree (*Agathis australis*). These enormous trees produce vast amounts of sap which congeal into lumps when the tree is injured. The sap hardens into a resin and becomes a form of Copal. Copal was used by the Maori as a chewing gum and firestarter, and the ashes of burnt kauri gum were utilized to make the 'ink' used in facial (moko) tattooing. New Zealand copal is much rarer than Baltic amber. No new supplies are available and very little remains outside of museums. The present specimen is large and is an excellent example of its type. *Measuring 9 x 3 3/4 x 2 3/4in*

\$1,000 - 1,500



3

3 GREENISH BROWN AMBER SPECIMEN

late Oligocene

24-30 Million years ago

Chiapas, Mexico

A large specimen of amber which still retains the natural "skin" of the specimen but has a "window" polished to reveal the interior with its greenish-brown hue and very strong blue fluorescence. Large specimens of amber, such as this one, are infrequently seen in today's market. *Weighing approximately 746.3 grams and measuring 6 1/2 x 5 x 3 1/2 in*

\$1,200 - 1,800



4

4

ANCIENT PIRANHA IN LOG FRAME

Phareodus encaustus

Eocene

F-2 Horizon, Fossil Butte Member, Green River Formation

Wyoming

A well-adapted predator, Phareodus possessed needle-like teeth and dorsal and anal fins positioned near the back of the fish, allowing quick changes of direction. The present specimen displays excellently detailed preservation of the pectoral fin, an important feature for identification of the species, as well as excellent gill detail. An unusual jaw presentation exhibits teeth on both sides of the lower jaw. Framed in rustic logs with attractive wormhole texturing. *Measuring 22in*

\$3,500 - 4,500

5

UNCOILED AMMONITE ON MATRIX

Dodymoceratops stevensoli

Late Cretaceous

Pierre Shale

Upper Cretaceous

Custer County, South Dakota

A fine heteromorphic ammonite mounted on matrix. Specimens of this species are highly prized by collectors. *Measuring 8 x 5 x 5 1/2in*

\$3,000 - 5,000



5



6



6

RED AMBER NECKLACE AND MATCHING EARPENDANTS

*late Oligocene
24-30 Million years ago
Chiapas, Mexico
late Oligocene,*

A revered substance in many cultures, amber is held in particularly high esteem. The present piece, was a product of the leguminous *Hymenaea courbaril*, a close relative of the *Hymenaea* tree which produced the Dominican variety of amber, but significantly more rare. Originating from a region which is no longer producing, this stunning necklace can be termed a "collection piece". Designed as a two-strand necklace consisting of polished free-form beads of natural deep red amber having excellent transparency, *weighing approximately 73.1 grams, completed by a silver clasp. Length 21in. ; together with a pair of earrings of the same amber, weighing 10.8 grams, length 3 in. (2)*

\$1,200 - 1,500

7^w

LARGE FOSSIL PALM

*Eocene
Green River Formation
Fossil Butte member
Lincoln county, Wyoming
F2 horizon*

In a subtropical environment 50 million years ago, a lush palm fauna graced the shoreline of ancient Fossil Lake. Crocodiles, turtles, fish and ancient early mammals populated the shores and waters of this freshwater paradise. Early birds soared above the water. Trapped in what is now limestone 7200 feet above sea level, this beautiful palm graces the amazing artistic stone canvas of an ancient lake floor. The Green River Formation of southwest Wyoming is internationally recognized for the exceptionally well preserved fossil fish it produces but less known for its paleobotanical fossils because of their rarity. Most rare among these fossilized remains are the complete palm fronds. This is one of the largest fossil palm fronds to be recovered from the shoreline sediments known as the F2 horizon. Also captured in the limestone is an ancient *Phareodus encaustus* with numerous *Knightia eocaena*, the state fossil of Wyoming. The entire mural measures 108 x 60 inches and is one of the largest ever offered at auction. The frond measures 8 feet 2 inches from tip of the petiole to the tip of the blade.

\$20,000 - 30,000

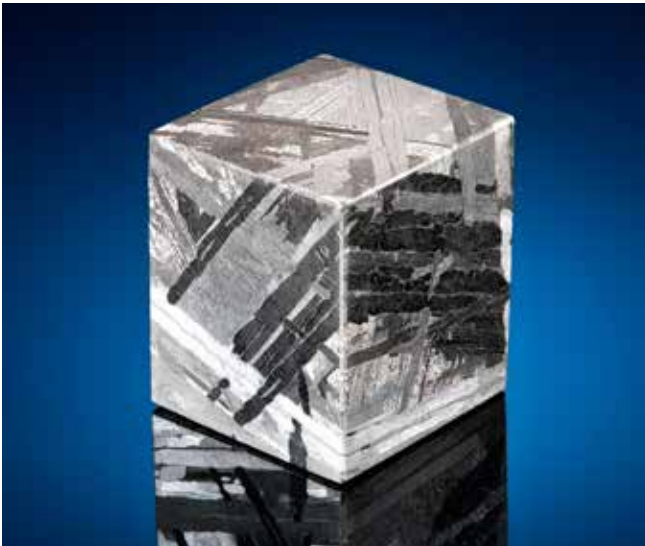




8



10



9

METEORITES

8

ZOOMORPHIC SIKHOTE-ALIN METEORITE – “THE SEAHORSE”

Iron, coarse octahedrite

Maritime Territory, Siberia, Russia

This splendid meteorite originates from the largest meteorite shower since the dawn of civilization, which occurred on February 12, 1947 over Siberia’s Sikhote-Alin Mountains. The monumental forces exerted on this meteorite as it rocketed through the atmosphere are amply evident. In a rare witnessed fall, Sikhote-Alin blazed through the Earth’s atmosphere at a speed of approximately 31,000 miles per hour. It left a trail of smoke and dust that was 20 miles long, which lingered for several hours. Light and sound of the fall were observed for two hundred miles around the point of impact. Here is a covetable specimen from one of the most dramatic witnessed falls of all time. The present specimen is a complete individual of “schrappnel-type” meteorite--with sharp edges which bear testament to the immense shearing force of this event. *Weighing approximately 138.8 grams and measuring 3 1/4 x 1 1/2 x 1in*

\$1,200 - 1,500

9

SEMYCHAN METEORITE CUBE

Iron-nickel, medium octahedrite

Magadan District, Russia

The Semychan meteorite was first found in 1967, in the dry bed of the river Hekandue. The total known weight of the original meteorite is only approximately 351 kilos. The present specimen has been fashioned into an attractive cubic-form and acid etched to reveal the desirable Widmanstätten pattern of crystallization on the surface for which this meteorite has become renowned. *Weighing approximately 282.4 grams and measuring 3.8 x 3.2 x 3.1 cm*

\$1,200 - 1,500

10

MUONIONALUSTA ETCHED METEORITE CUBE

Iron, Fine (IVA) Octahedrite

Kiruna, Norrbotten, Sweden

Dated to have impacted northern Sweden approximately one million years ago, and initially discovered in 1906, this locality has become one of the best sites for fine octahedrite irons. Searches for the impact crater from the original shower, near the Arctic Circle have been in vain, as several glacial periods have most likely transported the meteorites away from the original strewn field.

These meteorites are almost always found buried under several feet of glacial moraine, and require specialized metal detectors to be found at these depths. The Muonionalusta is also the first meteorite in which Stishovite has been identified, a rare and extremely hard silicon dioxide polymorph of quartz, formed by very high shock pressure created by the hypervelocity of a meteorite impact, giving rise to the theory that the Muonionalusta impact was one of the most violent and direct impacts on this planet.

Offered is a cube of Muonionalusta is the classic Widmanstätten patterns of meteorite metal matrix, an unearthly grid of shimmering shades of grey and silver, comprising two forms of nickel-iron, kamacite, and taenite. The high nickel content galvanizes the iron to some extent, which aids immensely in the meteorite’s survival for nearly a million years under conditions highly favorable to rusting. Rarity and difficulty to recover make these specimens uncommon on the market. The present specimen is nearly cubic, possesses a fine etched pattern to all surfaces and a large troilite inclusion to one side. *Weighing 1130 grams and measuring 2 1/8 x 2 1/8 x 2in*

\$1,500 - 2,000



11



12

11
MUONIONALUSTA: ETCHED METEORITE WITH RARE INCLUSION

*Iron, Fine (IVA) Octahedrite
 Kiruna, Norrbotten, Sweden*

This substantial and robust “corner” specimen of Muonionalusta meteorite which has been acid etched and prepared on three faces to display the fine octahedrite Widmanstätten pattern, an extraterrestrial metallic grid in shimmering shades of silver and gray comprised of two forms of extraterrestrial nickel-iron: kamacite and taenite. This particular specimen also contains a rare inclusion of troilite which can be seen in cross-section: a Stichtite in Troilite inclusion is considered to be rare. With original crust on the remaining surface. *Weighing approximately 1600 grams and measuring 4 x 3 x 3 1/4 in*

\$3,000 - 4,000

12
MUONIONALUSTA: LARGE ETCHED METEORITE SLICE

*Iron, Fine (IVA) Octahedrite
 Kiruna, Norrbotten, Sweden*

A complete slice with fusion crust to edges, of slightly elliptical outline, with polished and etched faces. *Weighing approximately 1817.3 grams. Measuring 7 x 4 x 3/4 in*

\$2,000 - 3,000



13

MUONIONALUSTA: LARGE ETCHED METEORITE CUBE

*Iron, Fine (IVA) Octahedrite
Kiruna, Norrbotten, Sweden*

Of cube-form, this specimen is meticulously cut from a meteorite and acid etched to display the fine octahedrite Widmanstätten pattern, an extraterrestrial metallic grid in shimmering shades of silver and gray comprising of two forms of extraterrestrial nickel-iron, kamacite and taenite. A very large troilite inclusion appears on the cube's surface. This is a fine collectible specimen of a well known meteorite. *Weighing approximately 3500 grams and measuring 3 x 3 x 3in*

\$5,000 - 8,000



14

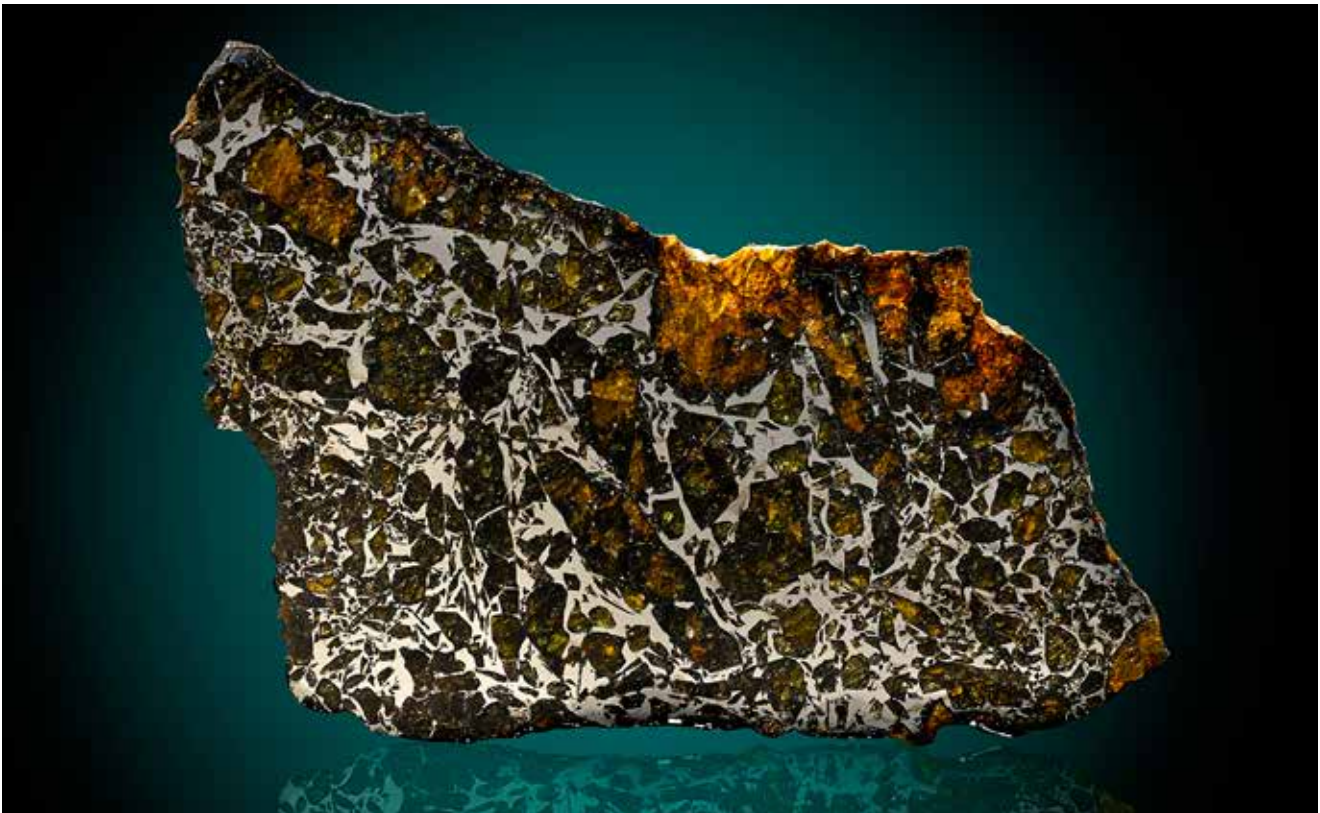
LARGE CANYON DIABLO METEORITE

Iron-nickel

Meteor Crater, Winslow, Arizona

From a private collection, this large Canyon Diablo specimen of just over 7 kilos, represents one of the more sought-after meteorites by collectors. Any sizable specimens are now difficult to find as the area around Meteor Crater near Winslow, Arizona has been closed for years. Most currently available Canyon Diablo meteorites are a mere 100-200 grams in weight. Meteor Crater, which measures nearly one mile in diameter, was created over 50,000 years ago when a meteor, measuring approximately fifty feet in diameter, exploded high over the Arizona desert. Characteristic of specimens from the fascinating site, the present specimen displays an attractive gunmetal color and a pleasing shape. Also seen are several large, distinctive regmaglypts (thumbprints), formed as the meteorite became molten in Earth's atmosphere. The present specimen has numerous regmaglypts, a deep scoop to the center and a flange to one side which resembles the beak of a bird. With all of these rugged characteristics, large size and excellent patina this is an excellent choice for the collector of aesthetic iron meteorites. *Weighing approximately 7032 grams and measuring 8 3/4 x 8 x 5 3/4 in*

\$20,000 - 30,000



15



16

15

LARGE ADMIRE METEORITE SLICE

Stony-Iron Pallasite

Admire, Lyon County, Kansas

Discovered in 1881, Admire is unique among pallasites in that its olivine crystals display chatoyancy, a fascinating change of luster within a gemstone due to the way in which light is reflected. The present specimen is a beautiful slice of this distinctive meteorite, displaying large olivine crystals in a brightly polished matrix. *Weighing approximately 565 grams and measuring 9.75 x 7.5 x .125 inches*

\$7,000 - 9,000

16

EXTRATERRESTRIAL OLIVINE PERIDOT: FACETED "ADMIREITE"

Stony Iron--Pallasite MG

Admire, Lyon Co., Kansas

Faceted by Martin Guphill

A stony-iron meteorite, or pallasite, Admire has small crystals of yellow-green olivine which have been dubbed –"gemstones from outer space". Some of the crystals are of such fine quality as to be classified as peridot, and a handful of these gems have been faceted. Only approximately 1% of the olivine crystals are facetable, most are too included or "friable" to be able to undergo the process, despite the superior hardness of celestial peridot with a Mohs 6.5. Most extraterrestrial olivines contain inclusions. Admire Meteoritic peridot must have inclusions in the crystals, which is what distinguishes them from terrestrial (Earth) peridot. The present offering is a cushion-shaped faceted olivine of bright yellowish green hue, *weighing approximately 0.82 carats and measuring 5.56 x 5.47 x 3.69mm*

\$1,500 - 2,000

To be sold without reserve

Accompanied by a North American Lapidary Laboratory report number 10-1012 dated January 11, 2010 stating that the 0.82 carats stone is Pallasitic Olivine.

17

**GROUP OF FOUR LUNAR METEORITES
FOUND IN NORTHWEST AFRICA: NWA
482, NWA 2995, NWA 3160 AND NWA
3136**

A sampler group of meteorites all found in Northwest Africa including: a partial slice with fusion crust from NWA 482, a feldspathic impact-melt breccia meteorite, *weighing approximately 2.11 grams and measuring approximately 17 x 16 x 5mm*; a specimen from NWA 2995, a lunar feldspathic breccia, *Algeria, weighing approximately 12.9 grams and measuring 54 x 31 x 3mm*; a full slice of the NWA 3160, a complex fragmental and regolith breccia, consisting of basalt and cumulate olivine gabbro with fusion crust, *Morocco, weighing approximately 1.91 grams and measuring approximately 30 x 20 x 1mm*; a full slice of the lunar NWA 3136, an anorthosite-bearing basaltic regolith breccia meteorite, *weighing approximately 1.14 grams and measuring 24 x 12 x 2mm*. (4)

\$3,000 - 5,000

To be sold without reserve



IDAR-OBERSTEIN – 500 YEARS OF GEM CARVING HISTORY

The town of Idar-Oberstein, located in a scenic valley of the Hunsrück Mountains in the western part of Germany, is actually a pair of villages a few miles apart which were politically joined in 1933. Oberstein is known for its jewelry manufacturing and Idar is the gem cutting center. Little known to Americans except those in the gem trade, in Europe, this town is known as the “gemstone city” or Edelsteinstadt and has become an increasingly popular tourist destination.

Historical records indicate that its 500-year-plus history and remarkable traditions of gemstone cutting developed when miners found agates and amethyst crystals in Miocene-age basalt formations nearby. However, many cutters in Idar claim that agate mining and cutting dates back to Roman times, due to evidence of some Roman settlements not far away and a Roman road that runs near an important source of cutting material.

Today the manufacturing there includes various cut gems, although originally, the industry was founded only on the local deposits—particularly agate—but also jasper, rock crystal, amethyst, and smoky quartz.

The city’s development of the agate industry, in the beginning of the 16th century, was based on these mineral deposits, the availability of local sandstone used for the cutting and polishing wheels, and water power to work the wheels. By the 1700s, there were about 15 workshops cutting agate which used the nearby Nahe River for energy—a number which doubled by the year 1800. However, when dwindling local agate deposits caused a slow down in the industry and many cutters left the area. These emigrants discovered large agate deposits in Brazil, they brought the material back and the cutting industry again began to flourish. By the late 19th Century as many as 150 cutting shops were in existence and the industry expanded from cutting agate and jasper into carving various types of stone objects such as dishes, goblets, bowls, snuff boxes, cane heads, parasol handles, fancy buttons, and even beads.

Now a town of about 50,000 inhabitants, Idar-Oberstein is recognized as the most significant European cutting center for gemstones, other than diamond—and some of the original family businesses are still in existence. The German Gemstone Museum (Deutsches Edelsteinmuseum), situated there, devoted entirely to the display of minerals and cut gems, jewelry, and carvings, is considered by many connoisseurs to be the best of its kind in the world.

**LAPIDARY WORKS OF ART, GEMSTONES,
MINERALS AND DÉCOR
(LISTED ALPHABETICALLY)**

Lots 18-295





18

18
VERY FINE AZURITE

Clifton Mine, Arizona

Bladed botryoidal crystals in a mound formation distinguish this excellent mid-sized cabinet specimen originating from one of the most important historic copper mining regions in the United States. *Measuring 3 1/2 x 3 x 1 1/2 in*

\$7,000 - 8,000

Offered on a custom lucite base.



19

19
AZUR-MALACHITE ON MATRIX

A large decorative specimen having numerous bladed azurite crystals intergrown with velvety and chatoyant malachite crystals on matrix. *Measuring 7 1/2 x 5 x 3in*

\$800 - 1,200

20
AZUR-MALACHITE SPECIMEN

Morenci, Arizona

A large flat decorative "plate" specimen, featuring minute blue azurite crystals and an overgrowth of malachite crystals. *Measuring 13 x 13 1/2 x 2 3/4in*

\$1,000 - 1,500
To be sold without reserve



20



21

21

AQUAMARINE CARVING OF A BUDDHA

Depicting a seated Buddha, carved from a substantial and large specimen of aquamarine originating from Songea, Tanzania having a rich, deep sea blue color, with good translucency. *Weighing approximately 1221 carats and measuring 3 x 3 x 2 1/4in*

\$4,000 - 6,000

Offered on a carved, custom-fitted wooden stand.

22

BERYL VAR. AQUAMARINE AND PINK APATITE IN MATRIX

Pakistan

Consisting of a larger hexagonal crystal of aquamarine with good luster measuring 1 1/2 inches along the edge, and a scattering of smaller crystals as well as one pink apatite crystal on a bed of muscovite mica. *Measuring 5 x 3 1/2 x 3in*

\$1,500 - 1,800



22



23

23

BERYL VAR. AQUAMARINE

Brazil

A fine aquamarine, faceted as a cut-cornered rectangular-cut, having a well-saturated sky blue color and excellent luster. Aquamarines of this size are uncommon in the market today. *Weighing approximately 36.44 carats and measuring 31.58 x 14.48 x 10.54mm*

\$6,000 - 8,000

24

EXCEPTIONAL FANCY-CUT AQUAMARINE

Brazil

A novel faceting style, invented by lapidary Jeff Graham, known as the "opposed"-bar-cut is seen in this very fine aquamarine. With a series of flat facets on the table and large facets to the side, this is a perfect cut for showing off the nearly optically clear aquamarine with its high degree of luster. *Weighing approximately 57.55 carats and measuring 24.41 x 16.56 x 19.0 mm*

\$6,000 - 8,000



24

25

TWO FANCY-CUT BERYLS

A companion pair of stones, one of yellow beryl and the other a golden-brown beryl, each having a novelty cut, with a flat table, bevel-cut edges, and one side of the pavilion retaining a naturally cleaved surface. *Weighing approximately 12.35 carats and 29.87 carats. The larger stone measuring 19.86 x 19.76 x 11.45mm (2)*

\$800 - 1,200

To be sold without reserve

26

MULTI-COLOR BERYL NECKLACE

Madagascar

Consisting of uniform 18mm spherical beads displaying pink, blue, green colors for morganite, aquamarine and green beryl, including several beads which exhibit a cat's eye effect. Completed by a silver clasp. *Length 16 in*

\$1,500 - 2,000



24 (side view)

27

UNUSUAL PAIR OF BI-COLOR AQUAMARINES

Brazil

Two elongated pear-shaped stones, suitable for mounting as earrings, consisting of colorless Goshenite at the top and bright sea blue aquamarine at the bottom. *Weighing approximately 42.0 carats and measuring 44.6 x 9.9 x 6.43mm*

\$1,200 - 1,500



25



26



27



28



30



29

28

BERYL VAR. AQUAMARINE

Pakistan

A well-formed hexagonal crystal with lightly etched faces, and a slightly rounded termination to the top and natural, flat termination to the bottom, capable of standing on its own. The transparency of this crystal is very good for the species. Most aquamarine specimens do not survive intact as they are typically sacrificed and cut for the gem trade when they have a clarity as high as this one. *Weighing approximately 592.5 carats (118.5 grams) and measuring 3 7/8 x 1 1/4 x 1 in*

\$7,000 - 9,000

29

SUPERB GREEN BERYL--"A MEMBER OF THE 100 CARATS CLUB"

Ukraine

The present stone is an exceptional example of a green beryl in terms of both its size and strength of hue. The particularly appealing leaf-green color is shown to its best advantage: the cut, clarity and luster of this stone are exceptional. *Weighing 104.59 carats and measuring 31.55 x 23.35 x 18.88mm*

\$15,000 - 20,000

30

ANDALUSITE

Brazil

Named after Andalusia, Spain where it was first found, andalusite is an aluminium silicate. This lovely pear-shaped gem of excellent transparency, displays the characteristic flashes of orange, green and brown for which this pleochroic mineral is known. A species which is scarce in sizes over 7 carats, the present stone exhibits all the most desirable characteristics of this rare collector's stone. *Weighing approximately 8.88 carats and measuring 19.63 x 10.65 x 7.93mm*

\$1,200 - 1,500



31^w

STUNNING APATITE FREE-FORM SCULPTURE

Madagascar

Not all apatite is crystalline--it can also be found in massive form. The present offering is a very large boulder of massive apatite which has been contour polished to reveal the stunning, marine blue color. This specimen would be suitable for either indoor or outdoor applications.

Weighing approximately 48.5 kg and measuring 16 x 16 x 6in

\$3,000 - 5,000



32



33

32
GEMSTONE-STUDED EVENING PURSE

Circa 1940
India
 The front and back of the fabric evening bag adorned with ten cabochon emerald beads amidst scrolling and foliate motif decoration rendered with silver and gold thread, and further decorated with ruby beads scattered throughout the design. With satin interior. *Length 8in*

\$800 - 1,200

33
ENAMEL AND HARDSTONE KNIFE

India
 Designed in the Mughal style, with red, green and turquoise colored enamel intended to imitate rubies and emeralds, between metal borders inset into a hardstone handle of pistol-grip design. The steel blade with Arabic inscription. *Length 11 1/2 in*

\$1,000 - 1,500

34
EMERALD BEAD NECKLACE

A six-strand necklace consisting of a combination of both polished, baroque-shaped emerald beads and also micro-faceted emerald beads, completed with an 18K white gold clasp, accented with small diamonds. *Total weight approximately 580 carats, length 17 1/2 in.*

\$1,500 - 2,500

35
BERYL VAR. EMERALD CABOCHON

Zambia, Africa
 A large oval cabochon of deep, rich green having a minor aspect of chatoyancy or cat's eye effect across the dome. *Weighing approximately 52.45 carats and measuring 25.06 x 19.93 x 14.59mm*

\$5,000 - 7,000

Accompanied by an American Gemological Laboratories report number CS 1078571 dated October 3, 2016 stating that the emerald cabochon of 52.45 carats is a natural emerald and that it shows only a moderate amount of tradition (oil type) clarity enhancement.

36
PAIR OF CARVED EMERALD PLAQUES

Of bright green color, suitable for mounting as earpendants, each decorated in the traditional Mughal style with floral motifs. *Together weighing approximately 161.43 carats and measuring 54.76 x 36.37 x 6.34mm (2)*

\$4,000 - 6,000

37
PAIR OF LARGE EMERALDS

Colombia
 The two large pear-shaped emeralds having similar face up appearance, hue, saturation of color and clarity suitable for mounting as a pair of earrings or necklace pendant. (2) *Weighing approximately 44.89 and 40.65 carats and measuring 29.46 x 20.16 x 14.04mm and 29.26 x 20.23 x 14.06mm*

\$7,000 - 9,000



34



35



36



37





38

38
BERYL VAR. EMERALD IN MATRIX

Cosquez, Colombia
 A small cabinet specimen, having a large, well-formed hexagonal emerald crystal and two or three smaller conjoined crystals beside it, on matrix. The emerald is vivid green and a classic for this notable locality. *Measuring 2 x 2 1/4 x 1 1/2in*

\$7,000 - 9,000

39
EMERALD

Zambia, Africa
 A bright, well-saturated green emerald with very good luster of suitable size for mounting as a ring. *Weighing approximately 4.27 carats and measuring 11.66 x 7.94 x 5.94mm*

\$3,500 - 4,500

Accompanied by a GRS (Gemresearch Swisslab Gemstone Report) number GRS2015-070663 dated July 29th, 2015 stating that the 4.27 carats emerald originates from Zambia and that it shows insignificant evidence of enhancements, CE (O) type.



39

40
EXCEPTIONAL TRAPICHE EMERALD WITH UNUSUAL CAT'S EYE EFFECT

Coscuez, La Peña Blancas Muzo Mining District, Columbia
Trapiche emeralds are in a class by themselves and are perhaps the rarest and most memorable of "pattern" gems—certainly the most unusual amongst the big three of emerald, ruby and sapphire. *Trapiche* is the Spanish word for a "spoked wheel" used to grind sugar cane, which bears a striking resemblance to the pattern in these emeralds. They are typically cut *en cabochon* to display the beautiful spoke-like star which emanates from a hexagonal center with the areas in between filled with lively green emerald. These rays, which appear like asterisms, are not caused by light reflections from tiny parallel inclusions (as are stars), but from white albite feldspar impurities that happen to form in the same pattern. Gemological examination shows that the *trapiche* is from white albite feldspar impurities that happen to form in the same pattern and that it is a single crystal and not a twinned specimen as was originally thought. *Trapiche* emeralds are valued based on a number of factors: saturation and even color, clarity, size and the most important being the definition, completeness and entering of the "rays". An oval cabochon of exceptional quality, the saturation of green neither too light nor too dark, the clarity between the spokes equally excellent. An interesting phenomenon of a cat's eye effect, not typically seen in *trapiche* emeralds, is apparent in all six sections. This is a fine example for the knowledgeable collector. *Weighing approximately 10.80 carats and measuring 16.26 x 14.41 x 5.08mm*

\$6,000 - 8,000



40



41

LARGE AND IMPRESSIVE EMERALD CRYSTAL

Colombia

A mineral classic, this large, robust well-formed hexagonal beryl crystal has a stepped termination. Notable for its robust proportions, size and for the strength of color, small traces of black schist can be seen on the bottom termination. This is a notable offering for the serious mineral collector. *Weighing approximately 373.5 carats (74.9 grams) and measuring 1 3/4 x 1 1/4 x 1 1/4 in*

\$25,000 - 35,000



42



43



44

42
EXCEPTIONAL MORGANITE--"A MEMBER OF THE 100 CARATS CLUB"

Faceted by noted Arizona lapidary, Buzz Gray
 In 1911, when pink beryl entered the marketplace, Madagascar was the location of its source. George Kunz, Vice President of Tiffany's at the turn of the century named this new-found gem in honor of John Pierpoint Morgan, who was a distinguished client of the jewelry store and who made many donations to the American Museum of Natural History. Kunz often arranged for the financier to buy collections directly from Tiffany, with the store acting as intermediary, which Morgan would then donate to the Museum.

Morganite is the orange to pink variety of beryl. Other members of the beryl family are aquamarine, golden beryl and emerald. Morganite, because of its delicate color, ample hardness, comparative rarity and its brilliance is quite popular in jewelry. Morganites possessing this high degree of transparency are unheard of. The present stone is exceptional by any definition. The color is a well-saturated pink hue, unmodified by brown, while the luster is also exceptional. A fine stone for the collector of large gems, but one which could be mounted as a stunning pendant. *Weighing approximately 153.45 carats and measuring 42.26 x 32.10 x 24.54mm*

\$12,000 - 15,000

43
"SPIROGRAPH-CUT" MORGANITE BY DALAN HARGRAVE

Adopting a design utilized by the glass industry for cutting leaded glass, known as the "American brilliant" pattern, lapidary artist Dalan Hargrave coined the term "spirographic-cut" referring to the intricate incisive patterns on the bottom of the gemstone. The flat polished top allows for the viewing of the pattern below. No other lapidaries have produced similar work or executed exactly this pattern of geometric shapes. The present offering is an optically-clear morganite (pink beryl) having a well-saturated pink hue, expertly faceted with this novel cut and honed to a bright, vitreous polish by one of America's premier, award-winning gemstone cutters. *Weighing approximately 36.00 carats and measuring 26.33 x 24.66 x 8.34mm*

\$4,000 - 6,000

44
CALCITE

Picher Field, Tri-State District, Ottawa County, Oklahoma, USA

This fine specimen exhibits two habits of golden calcite crystals: one in which the scalenohedron is more developed and the other that is dominated by rhombohedral faces. The district's mines are long closed and specimens such as this are now scarce on the market. *Measuring 5 x 8 x 7in*

\$1,000 - 1,500

To be sold without reserve



45

45^w

VERY LARGE BLUE CALCITE SPHERE

Madagascar

Calcite is a carbonate mineral which can be found generally in white or colorless specimens or occasionally light yellow. The deposits in Madagascar are known for producing this bright sky blue color and massive, rather than crystalline variety. The present sphere was hand-carved by artisans in Madagascar and honed to a high polish from a massive blue calcite boulder. *Weighing approximately 16.5 kg. Diameter 8in*

\$1,000 - 1,500

46

PURPLE CHALCEDONY

Indonesia

From a new find in 2016, this mid-sized cabinet specimen which is capable of standing on its own, exhibits an excellent mound formation and horizon line. Consisting of clusters of bright lavender spherules of chalcedony, covering the front and back surfaces. This is an unusual color for the species. *Measuring 5 x 4 1/2 x 1 1/4 in*

\$1,000 - 1,500



46

47

CHALCEDONY VAR. FIRE AGATE

Aqua Calientes, Sonora, Mexico

The world's only known fire agate deposits fall within two general areas-the Sonoran Desert region, stretching from southwest United States to northern Mexico, an area starting 100 miles north of Mexico City and lying between two north-south mountain ranges, the Sierra Madre Occidental and the Sierra Madre Oriental. These areas were subjected to extensive volcanic activity mostly during the Tertiary Period, 24 to 36 million years ago, relatively recent by geologic standards.

With colors often more vibrant than opal and less directional, fire agate is also more durable for daily wear. Not a well known gem, fire agate, a variety of chalcedony, is thought to form by volcanic activity when hot water saturated with colloidal silica and iron oxide invades cavities in the host rock below the earth's surface. During the cooling process chalcedony with iron oxide begins to grow on any available surface with many shapes and colors being formed by the mineral impurities. Known as schiller, the alternating silica and iron oxide layers, diffract and allow light to pass and form interference of colors known as "fire". The iron oxide is what gives this gem its characteristic brown body color. Polishing fire agate is done in such a way as to follow the natural contours of the stone until only the fire is visible. The present offering is large for the species. Suitable for mounting in a brooch or pendant, it has been carefully contour polished to reveal vibrant orange and green iridescent hues. *Weighing approximately 51.43 carats and measuring 39.52 x 25.54 x 8.8mm*

\$1,800 - 2,200



47



48

**ORANGE CHALCEDONY, NEPHRITE AND
KASCHOLONG OPAL FLOWER STUDY--
"MONTBRETIA"**

Carved by a contemporary Russian artist, the present flower study comprises flowerheads carved of orange chalcedony, with circular-cut yellow sapphires to the center, mounted with 18K yellow gold stems, pistils, and gold borders to the vase. The slender elongated vase carved of optically clear rock crystal quartz, rimmed with 18K yellow gold, on a tapering base carved of white kascholong opal. *Height 8in*

\$6,000 - 8,000



49

**CARVED GEMSTONE FLOWER STUDY--
"POPPIES"**

Carved by a contemporary Russian lapidary artist, the realistically carved bouquet of poppies is carved of red chalcedony, as is the second bud in partial blossom. White diamonds, weighing approximately 1.0 carats, accent the center, with black diamonds, weighing approximately 0.5 carats, between. Another flower bud is carved of brown agate. The leaves are carved of translucent Russian nephrite which has been rendered with a stippled effect. The substantial stem of 18K yellow gold is textured to imitate the natural texture of the tiny "thorn-like" structures on the actual plant. The vase, height 6 inches, is carved of optically clear rock crystal quartz, with a large golden yellow citrine, which is carved and fluted, at the center between bands of 18K yellow gold borders having a delicately engraved design. Measuring 13 1/4 x 7 3/4 x 4in

\$40,000 - 60,000



50



51



52

50

GEM SILICA CHRYSOCOLLA

Peru

Chrysocolla has an attractive blue-green that provides a unique color to the gem world as it forms in the oxidation zones of copper rich ores--in this case Peru. When chrysocolla "agatizes" in chalcedony quartz it is then called "gem silica chrysocolla", with the quartz component providing the stone its polish and durability. The present offering is an elongated pear-shaped drop of elegant proportions ideally allowing it to be mounted as a pendant. It is an excellent example of gem silica chrysocolla which displays a classic and sought-after hue. *Weighing approximately 26.06 carats and measuring 36.18 x 14.89 x 7.84mm*

\$2,500 - 3,500

51

CHRYSOCOLLA

L'Etoile du Congo, Katanga, Democratic Republic of Congo

A small cabinet specimen which features vivid blue clustered masses of botryoidal growth and an aesthetic mound formation. *Measuring 2 1/2 x 1 1/2 x 1 in*

\$1,200 - 1,500

Offered on a lucite display stand.

52

LARGE POLISHED CHRYSOCOLLA SCULPTURE

Peru

Well-polished surfaces and vivid color recommend this large boulder of chrysocolla. Such large specimens are now difficult to find in today's market. They are always sought after for their attractive coloration which creates such a dramatic statement in any corporate or residential interior. *Weighing approximately 56 kilos and measuring 50 x 40 x 25cm*

\$6,000 - 8,000



53 (daylight)



53 (incandescent light)

53

CHRYSOBERYL VAR. ALEXANDRITE

Sri Lanka

Named for Tsar Alexander II, this rare and beautiful gem is infrequently used in modern jewelry. In antique Russian jewelry you may come across it with a little luck, since Russian master jewelers loved this stone. Tiffany's master gemologist George Frederick Kunz (1856-1932) was also fascinated by alexandrite, and the jeweler's firm produced some beautiful rings and platinum ensembles at the turn of the last century. Smaller alexandrites were occasionally also used in Victorian jewelry from England. The present offering is an attractive oval-cut stone which displays all the sought after characteristics for which this gem is beloved: color-change from a deep rich green to a reddish-purple as well as having excellent luster. *Weighing approximately 2.19 carats and measuring 7.66 x 5.68 x 5.95mm*

\$7,000 - 9,000



54

CHRYSOBERYL BEAD NECKLACE

India

Comprising seven strands of graduated bright "Spring" greenish-yellow polished chrysoberyl rondelle-form beads, graduating from 2.3mm to 5.5mm. Numerous beads display a strong cat's eye effect, completed with an adjustable chord closure. *Total weight approximately 270 carats. Length of shortest strand: 16 inches.*

\$1,200 - 1,800

To be sold without reserve



Actual size



55

EXCEPTIONAL CHRYSOBERYL

India

With a Mohs hardness of 8 1/2, chrysoberyl is a durable stone which can easily be mounted and worn in jewelry. It is not seen extensively in jewelry mostly because of its rarity. Larger stones are rarely seen and those with few inclusions are rarer still. Vivid, electric-neon yellow with a splash of green, the present stone is as fine an example of the rare mineral chrysoberyl as one could hope to find. Both the clarity and the luster are excellent. Chrysoberyls of more than 1 to 2 carats are considered to be very rare. The present stone is a "museum-quality" example worthy of consideration by the most serious collector. *Weighing approximately 15.13 carats and measuring 18.01 x 14.81 x 7.58mm mm*

\$25,000 - 30,000

Accompanied by an American Gemological Laboratories report number CS 65966 dated February 23, 2015 stating that the 15.13 carats Chrysoberyl is natural and that it shows no gemological evidence of enhancements.



56

56

GROUP OF FOUR CHRYSOPRASE CARVINGS OF OWLS

Marlborough, Queensland, Australia

Each depicting an owl in a slightly different pose, all carved of gem grade or near-gem grade chrysoprase having some translucency at the edges. *Largest measuring 2 1/4 x 1 3/4 x 1 1/4in*

\$1,000 - 1,500

57^Y

BLACK CORAL BEAD NECKLACE

Coastal waters of Hawaii

Black corals (*Antipatharia*) are a group of deep water, tree-like corals. Though black coral's living tissue is brilliantly colored, it takes its name from the distinctive black or dark brown color of its skeleton. First discovered in Hawaii off the coast of Maui in 1958 it was designated as the official state gem in 1987. Black coral has been harvested for centuries as a charm and medicine. It was believed black coral had the power to ward off evil and injury (its Latin name *antipathies* means "against suffering"). Early Hawaiians ground black coral branches into a medicinal powder. The present necklace, designed as a continuous strand of elongated beads has excellent polish and a rich homogenous black hue, each bead measuring approximately 38 x 14mm. *Total weight approximately 510.5 carats (102.0 grams). Length 30in*

\$2,000 - 3,000

57



58

58
BOXED SET OF 21 REPLICAS OF FAMOUS DIAMONDS OF THE WORLD

*By Rudolf Dröschel
 Faceted in Idar-Oberstein, Germany*

Precision cut by hand on a sandstone wheel, as per the traditional Idar-Oberstein method for polishing gemstones, this set is a collectible the likes of which is no longer being produced anywhere in the gem industry. This suite of 21 diamond replicas was faceted from natural rock crystal quartz of optical clarity (the blue and pink stones are not quartz), the stones are housed in a presentation case with the maker's mark D for Dröschel for the firm of Rudolf Dröschel. Included are: Tiffany Diamond, of citrine, *weighing 128.51 carats*; Polar Star, *41.36 carats*; Cullinan I, *530.26 carats*; Sancy, *55 carats*; Florentine, *137.27 carats*; Koh-i-noor, old form, *186 carats*; Koh-i-Noor, new form, *108.93 carats*, Cullinan 2, *317.40 carats*; Nassak, new form, *43.38 carats*; Nassak, old form, *89.50 carats*; The Dresden Green, *41 carats*; The Hope Diamond, *45.52 carats*, The Eureka, *10.73 carats*; The Swan, *36 carats*, Idol's Eye, *70.20 carats*; Grand Conde, *50.0 carats*; Regent, *140.50 carats*; Stewart, *123.0 carats*; Niarchos, *128.25 carats*; Portuguese, *127.02 carats*; and the Earth Star, *111.59 carats*. (21)

\$2,000 - 3,000



59

59
LARGE DIASPORE

Turkey

Diaspore is commonly found associated with either corundum or bauxite (aluminum ore). The name diaspore comes from the Greek word diaspora which means "to scatter", because it is known to crackle when heated. Typically colorless, or white, one occasionally sees stones of green or brownish. The tabular, or "platy" prisms which are its natural habit never allow for sizes of faceted gems such as this one. The present example of this rare mineral has been faceted as a large oval-cut stone which exhibits a pleasant greenish color with flashes of red. The species is sometimes seen in the trade with the appellation of "Zultanite". Both the luster and the clarity are excellent. *Weighing approximately 32.23 carats and measuring 32.55 x 17.72 x 7.43mm*

\$1,800 - 2,500



60

CHROME DIOPSIDE NUGGET NECKLACE

Yakutia, Northeastern Siberia

Sometimes known as “Imperial diopside”, the name given to the highest quality of chrome diopside, the mineral is found in the very same kimberlite geological formation that produces Russia’s coveted diamonds, near the town of Aldan in the Yakut region of Siberia. Chrome diopside is a calcium magnesium silicate colored by chromium producing intense green stones. The present necklace comprises six strands of graduated tumbled and polished chrome diopside beads having excellent transparency and a vivid, well-saturated color rivaling the best emeralds. *Weighing approximately 916.30 carats.* Completed by a 14K yellow gold clasp. *Length 17in*

\$2,800 - 3,500

61

SUITE OF SEVEN FANCY-COLORED MOONSTONES

India

Featuring a large grey oval moonstone cabochon suitable for mounting as a ring or pendant, *weighing approximately 62.91 carats and measuring 26.67 x 20.84 x 14.40mm*; together with a six-stone, multi-color moonstone earring layout consisting of brown, grey and milky white moonstones, *weighing approximately 47.13 carats total.* (7)

\$1,000 - 1,500

62

BLUE MOONSTONE AND HIGH-KARAT GOLD NECKLACE

Comprising two strands of disc-form blue moonstone beads from Tanzania, *measuring 8.0 mm*, hand-polished with faceted faces. Completed by a hand-fabricated 22K gold clasp centering on a cabochon blue moonstone, decorated with granulation decoration. *Length 16in*

\$2,000 - 3,000

63

SUITE OF THREE FANCY COLORED MOONSTONES

India

Comprising three polished fancy color moonstones, each fashioned as a pear-shaped drop in graduated sizes. The hues range from orange, grey and brown. *Total weight approximately 63.46 carats and measuring 16.57 x 12.06mm and 25.11 x 13.88mm and 28.76 x 14.42mm* (3)

\$1,000 - 1,500

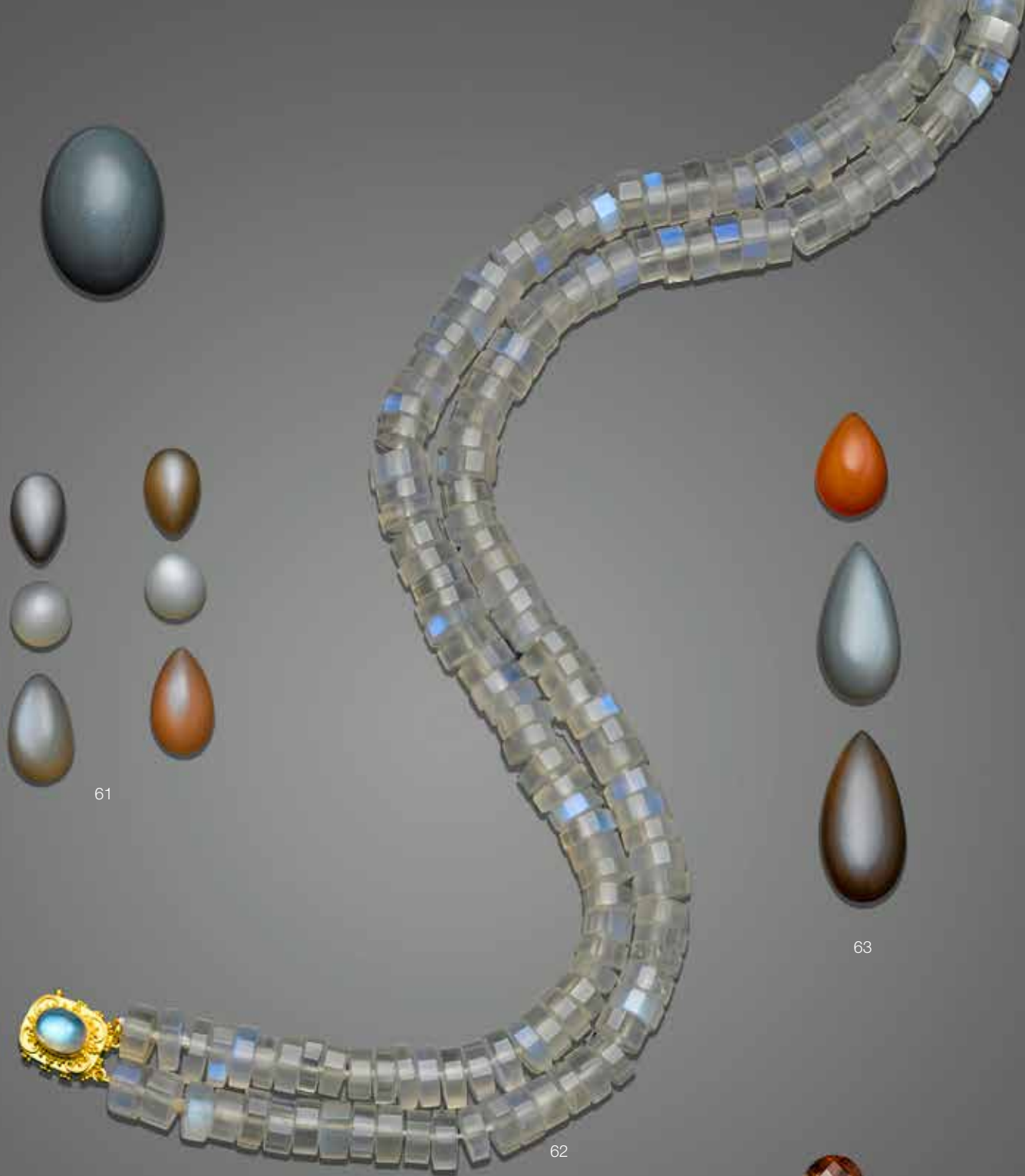
64

BLUE MOONSTONE

Tanzania

This fine large, oval cabochon moonstone possesses all the most desirable attributes for which this gemstone is beloved with its sought-after blue adularescence. Displaying excellent clarity and luster as well as a characteristic blue schiller effect. Moonstone is the alternate birthstone for those born in the month of July. *Weighing approximately 32.14 carats and measuring 24.0 x 15.0 x 12.0mm*

\$3,500 - 4,500



61



63



62



65



64

65
FELDSPAR VAR. SUNSTONE--"AN AMERICAN GEM"
Dust Devil Mine, Oregon

Oregon sunstone has been made the official State Gemstone by proclamation of Governor Neil Goldschmidt. A rare gem variety of the feldspar mineral group, Oregon sunstones occur in Lake and Harney Counties where they are dug from the soil and the underlying lava flows. They are uncommon in their composition, clarity, and range of colors. Robert James, F.G.A. President of the International School of Gemology has said: "The King of the Feldspars is the Oregon Sunstone." The beauty of this fine reddish-orange stone is highlighted by its checkerboard top. *Weighing approximately 7.65 carats and measuring 14.88 x 11.18 x 7.99mm*

\$1,000 - 1,500



66

MULTI-COLOR SUITE OF MOONSTONES

India

A suitable layout for creating a bib necklace and matching pair of chandelier earrings, comprising oval cabochon moonstones which are near colorless or which have body colors that are: light orange, medium orange, deep orange and light yellow, all with excellent translucency and billowy sheen. *Total weight of all stones: 450 carats. Largest weighing 10.5 carats and measuring 12.73 x 10.28mm*

\$3,500 - 4,500



67

GREEN FLUORITE

Reimvasmaak, Northern Cape Province, South Africa

Of impressive size, this is a large, luminous green fluorite with complex growth to the faces of the octahedral form, and a druzy overgrowth to the conjoined crystals which intersect at angles.

Measuring 5 x 4 1/4 x 4 1/4in

\$2,500 - 3,500

68

BLUE FLUORITE

This oval-cut fluorite is characterized by a rich blue color and is an excellent example of its type due to its high degree of clarity for the species. *Weighing approximately 39.41 carats and measuring 23.78 x 18.56 x 12.05mm*

\$900 - 1,200

To be sold without reserve



68

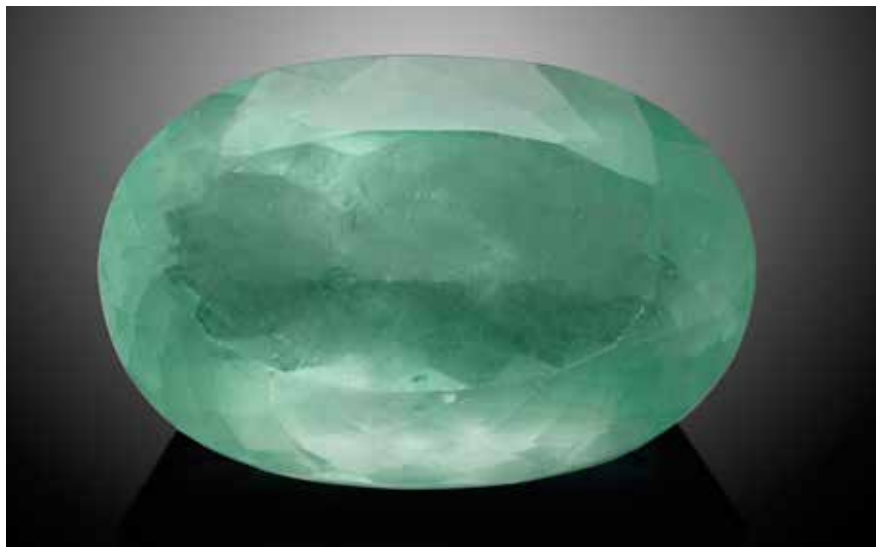
69

GREEN FLUORITE--"A MEMBER OF THE 100 CARATS CLUB"

China

A large cabinet-sized specimen faceted as an oval cut. This stone is above average in terms of its clarity for the species. *Weighing approximately 409.8 carats and measuring 55.0 x 37.0 x 25.56mm*

\$1,000 - 1,500



69



70



71

70

LARGE GREEN FLUORITE

Xianghuapu Mine, Hunan Province, China

A large, decorative display specimen of generous proportions, having a highly aesthetic horizon line and great three-dimensionality and presence. Entirely covered by conjoined clusters of bright green, glassy and transparent green fluorite cubes measuring up to 1 inch in length. *Measuring 16 x 7 1/2 x 7in*

\$1,200 - 1,500

71

DEMANTOID GARNET AND DIAMOND RING

Centering on a large emerald-cut demantoid garnet of rich green hue, *weighing approximately 9.50 carats,*, simply mounted in an elegant platinum setting accented with brilliant-cut diamonds, *size 6 1/2*.

\$18,000 - 22,000



72

72

PAIR OF DEMANTOID GARNETS

Ural Mountains, Russia

Demantoid is the green gem variety of andradite garnet; its name comes from its high refractive index, which gives well-cut demantoids (such as these) rainbow flashes of “fire” like diamonds. (The name “demantoid” means diamond-like.) These two garnets are relatively free of inclusions.

The present pair of transparent green rectangular cushion brilliant-cut garnets may have been cut from the same rough in order to have matched their color so well. The first, *weighing approximately 2.68 carats and measuring 8.0 x 6.8 x 5.3 mm*; the second, *weighing approximately 2.43 carats and measuring 7.6 x 6.8 x 5.3 mm.* (2)

\$30,000 - 35,000

73

ANDRADITE GARNET VAR. DEMANTOID FROM A RARE LOCALITY

Soghan, Baft District, Kerman Province, Iran

Vivid green in color, with good translucency at the edges, this is a rare specimen of demantoid garnet which comprises a cluster of crystals some of which display a compressed dodecahedral form. *Measuring 1 1/4 x 1 x 3/4 in*

\$1,500 - 2,000



73



74

GARNET VAR. SPESSARTITE

Tanzania

A small cabinet-sized specimen which is a modern classic. This is a dodecahedron of vivid orange color with good translucency. *Measuring 1 x 3/4 x 3/4 in*

\$1,500 - 2,000

75

GARNET VAR. SPESSARTITE--"MANDARIN GARNET"

Nigeria

Not all spessartite garnets deserve to be called by the trade name "Mandarin"...only those which are truly orange or "Fanta" color deserved this designation. Such is the case with the present stone which has a vivid orange hue, unmodified by brown. The luster is excellent and the size is particularly large for the species. *Weighing approximately 17.71 carats and measuring 15.35 x 12.37 x 9.76mm*

\$3,500 - 4,500

76

TWO FINE RHODOLITE GARNETS

East Africa

This color of garnet derives its name from rhododendron colored garnets first discovered in North Carolina in the late 1800s. Though the present gems are from more recent discoveries in Tanzania, rhodolite garnets also occur in India and Sri Lanka. These two garnets have a very desirable reddish-purple hue, with excellent clarity and luster, the larger oval-cut, *weighing 11.49 carats and measuring 13.56 x 11.8 x 8.65mm* and the smaller oval-cut, *weighing 9.03 carats and measuring 12.41 x 11.04 x 8.0mm*. *Total weight approximately 20.51 carats . (2)*

\$1,000 - 1,500

To be sold without reserve

77

COLOR-SHIFT GARNET

Bekily, Madagascar

Imbued with a rich saturation of tones, this attractive oval-cut garnet, changes color from a greenish to a rich plum hue depending upon the light and angle of observation of the viewer. Both its clarity and luster are excellent. *Weighing approximately 1.73 carats and measuring 8.19 x 6.29 x 4.20mm*

\$1,500 - 2,000

To be sold without reserve

74



78

MANDARIN GARNET BEAD NECKLACE

Nigeria

Comprising five strands of micro-faceted garnet beads of vivid Mandarin orange hue, *graduating in size from 8.0 mm at the center to 3.0 mm*, completed by a cord closure. *Weighing approximately 826 carats. Length 19 1/2 in, adjustable.*

\$4,000 - 6,000

79

UNUSUAL SPESSARITE GARNET

Nigeria

Faceted in an unusual style as an oval-cut with 10-sides and with star facets on the crown, this is a large garnet with excellent saturation of color. The stone could also be mounted with the pavilion facing up given the complexity of the faceting style and its attractiveness. *Weighing approximately 42.10 carats and measuring 20.92 x 18.25 x 12.57mm*

\$4,500 - 6,500

80

HEART-SHAPED GARNET VAR. SPESSARTITE

Nigeria

This Mandarin garnet has the novel distinction of having been faceted in the form of a heart-shape. The heart is shaped with a well-formed cleft. The stone is a bright, true orange, unmodified by brown hues and it displays excellent luster. *Weighing 13.17 carats and measuring 14.74 x 12.71 x 9.57mm*

\$3,500 - 4,500

75



76



77



79



80



81

78

81
GARNET VAR. TSAVORITE

Tsavo National Park, Kenya
 Faceted as an emerald-cut, this is a classic stone with deep rich green color, good clarity and luster. *Weighing approximately 2.18 carats and measuring 6.94 x 6.70 x 5.02mm*

\$1,000 - 1,500
 To be sold without reserve

82
STAR ALMANDITE GARNET--"A MEMBER OF THE 100 CARATS CLUB"

Orissa, India
 Rich, deep burgundy in color, this large oval cabochon almandite displays a strong, central star at the apex of the dome. *Weighing approximately 138.0 carats and measuring 28.7 x 26.0 x 16.5mm*

\$1,400 - 1,800



82



83



84



85



86

LARGE PYROPE-ALMANDINE GARNET

A large and attractive cushion-shaped brilliant-cut transparent slightly purplish-red stone having excellent luster and clarity. This is a large stone for the species of pyrope. *Weighing approximately 30.94 carats and measuring 18.67 x 15.43 x 12.14mm*

\$4,000 - 5,000

Accompanied by a Gemological Institute of America identification report number 5172678329 dated June 9, 2016 stating that the 30.94 carats garnet is of the species Pyrope-Almandine.

84

GROSSULAR GARNET VAR. TSAVORITE

Tsavo National Park, Kenya

Tsavorite is an intense green variety of grossular garnet; it owes its color to the trace substitutions of vanadium in its crystal structure. The name comes from the Tsavo National Park in Kenya. However, these garnets are found on both sides of the Kenya/Tanzania border. They are usually found as crystalline masses in nodules. The present stone is large for the species at a size of over 6 carats. It has been faceted as an attractive oval-cut stone to best display its high degree of clarity. It is further distinguished by its vivid green hue which is neither too light nor too dark, as well as having excellent luster. *Weighing approximately 6.34 carats and measuring 15.0 x 9.9 x 5.63mm*

\$6,000 - 8,000

Accompanied by a Gemological Institute of America report number 2171855626 dated September 26, 2016 stating that the 6.33 carats grossular garnet variety tsavorite garnet is natural.

85

GARNET VAR. SPESSARTITE

Nigeria

A high-domed cabochon which is very “gemmy”, displaying a high degree of transparency and a brilliant, rich orange hue and unusually high degree of transparency for the species of garnet. Of suitable size for mounting as a ring. *Weighing approximately 41.89 carats and measuring 17.79 x 15.73 x 13.32mm*

\$2,500 - 3,500

86

RICH RED SPESSARTITE GARNET

An exemplary oval-cut stone of deep red unenhanced hue, having exceptional clarity and luster. This is a large-sized stone for the species. *Weighing approximately 41.14 carats and measuring 21.97 x 17.03 x 11.98mm*

\$4,000 - 6,000

Accompanied by an American Gemological Laboratories report number CS 1078569 dated October 3, 2016 stating that the 41.14 carats Spessartite Garnet is natural and that it shows no gemological evidence of enhancements.



87

CUTTING EDGE™ SPECTRUM AWARD WINNER: SUITE OF TWELVE RHODOLITE GARNETS BY DALAN HARGRAVE

East Africa

Six large pear-shaped, flat-cut rhodolite garnets: smooth polished to the faces and with incised lines and bubble-cut to the reverse side, with six small triangular-shaped rhodolite garnets to serve as accents. (12) Total weight approximately 140.62 carats. The largest rhodolite weighing approximately 24.82 carats and measuring 27.48 x 25.70 x 3.16mm

\$7,000 - 9,000

The suite of Rhodolites was the AGTA's (American Gem Trade Association) "Cutting Edge" Spectrum Award Winner in 2015 for pairs and suites at the annual competition held each February.

Dalan Hargrave

Dalan Hargrave began a career as a goldsmith in 1976 after taking college courses in Arts and Metals at San Antonio Junior College. During his career he advanced from repair work to light manufacturing, mold making, gem cutting and fabricating one-of-a-kind jewelry. His design studio presently specializes in custom mountings and lapidary work and he has established a number of signature gemstone styles which are exclusively his including: GemStarz, GemHeartz, Spirographic-cuts, compound concave cuts and the 3-D Illusion series.

Hargrave only began cutting gemstones in 1998. Yet he has since received numerous "Spectrum" and "Cutting Edge Awards" from the American Gem Trade Association--a total of 22 with 3 "Best of Show"--an outstanding achievement for one so new in the field. In 2004, he was inducted into the National Rockhound/Lapidary Hall of Fame in the area of Metal Craft. Recently Hargrave received "Best of Competition" in the 2006 "Gemmys" competition sponsored by Lapidary Journal. In 2007, he received two additional "Gemmys" awards. His work has been featured before in Bonhams' Natural History auctions.



88

HEMIMORPHITE

Wenshan Mine, Yunnan Province, China

A classic specimen from the locality, having a druze bright blue carpet of minute, scintillating crystals cover the surface of this mid-sized cabinet specimen. With hemimorphite crystals to a portion of the reverse side as well. *Measuring 7 x 3 3/4 x 3 1/4 in*

\$1,000 - 1,500

Offered on a custom-fitted lucite base with locality information.

89

HEMIMORPHITE

Democratic Republic of Congo

Hemimorphite is a zinc silicate. This vivid cerulean blue rectangular cabochon displays excellent translucency and a high polish to both sides. Hemimorphite is rarely seen as a cut stone and this large example is a desirable one for the collector of rarities. *Weighing approximately 55.55 carats and measuring 25.05 x 20.37 x 7.73mm*

\$4,500 - 5,500



89

TWO GEMSTONE FLOWER STUDIES

The first, depicting a plumeria bush, consisting of carved jade flowerheads and white cultured freshwater pearl buds on a 14K yellow gold bush, raised on a *height 4 1/2 in*; together with a miniature "bonsai tree" study bearing white freshwater pearls, the gilded metal branch, *stamped with edition number 1/100, raised on a wooden base. Height 5 1/2 in (2)*

\$2,000 - 3,000

91

CARVED JADEITE AND AGATE "BONSAI TREE"

An aesthetic composition with 17 carved jadeite flower heads, on a 14K yellow gold branch, in an agate vase. Raised on a wooden base. *Height 4in*

\$1,200 - 1,500



92 ^w

JADEITE SCULPTURE ON WOOD BASE

Depicting the military official *Guandi* with his assistant. Carved from a single specimen of jade having variations in color including bright green on the banner. The top of the spear is removable. Raised on a custom-fitted wooden base. *Height overall including base: 19in*

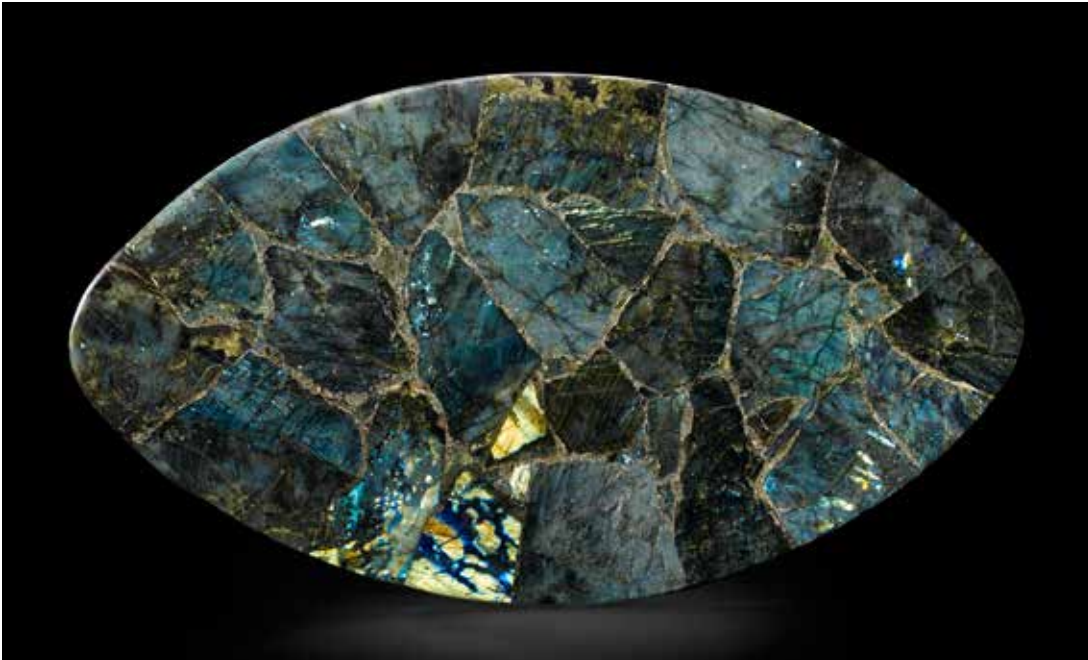
\$2,500 - 3,500



93



94



95

93 PAIR OF JADE CANDLESTICK HOLDERS

Possibly Mughal, India
Utilized as wall sconces, with drill hole to the base where the carving would have been affixed to a support. Of translucent jade with some brown mottling. With acanthus leaf and scrolling decoration. *Measuring 7 1/2 x 2 1/2 x 1 1/2 in*

\$3,000 - 4,000

94 JASPER CARVING OF AN OWL

Kuno Stein
Idar-Oberstein, Germany
The body of the owl carved of African spotted Jasper, the feathers realistically textured and making use of the highly figured patterns of the natural stone. The quartz eyes, reverse painted in the traditional Idar manner. The feet of oxidized silver, resting upon a base of petrified wood affixed to a base of Australian chrysoprase. *Measuring 6 x 4 1/4 x 3 1/4 in*

\$600 - 1,000

95^w LABRADORITE INTARSIA TABLETOP

Madagascar
Unusual in form due to the marquise-shaped outline, this table top is formed of cross-section slices of labradorite which have been polished to a high gloss. The brilliant, characteristic sheen, known as labradorecence is displayed. Labradorite is the only mineral which displays this optical phenomenon. *Measuring 40 1/2 x 22 1/2 x 1 in*

\$1,500 - 2,000



96

LAPIS LAZULI AND HIGH-KARAT GOLD NECKLACE

A unique choker necklace of “fringe design” comprising elongated, tapering beads of fine quality lapis lazuli from Afghanistan polished on both sides, with 22K yellow gold bead spacers at intervals, completed with a 22K yellow gold s-hook clasp, *length 18in.*

\$1,500 - 2,000

97

LAPIS LAZULI DEPICTING BUDDHA

Of oval outline, this large palm-sized specimen of fine jewelry grade lapis lazuli from the traditional source in Afghanistan. The front of the carving depicts a standing Buddha with flowing robes. The top of the stone is drilled to allow the piece to be suspended as a pendant. *Weighing approximately 527.0 carats and measuring 2 1/2 x 1 1/2 x 3/4in*

\$1,000 - 1,500



98

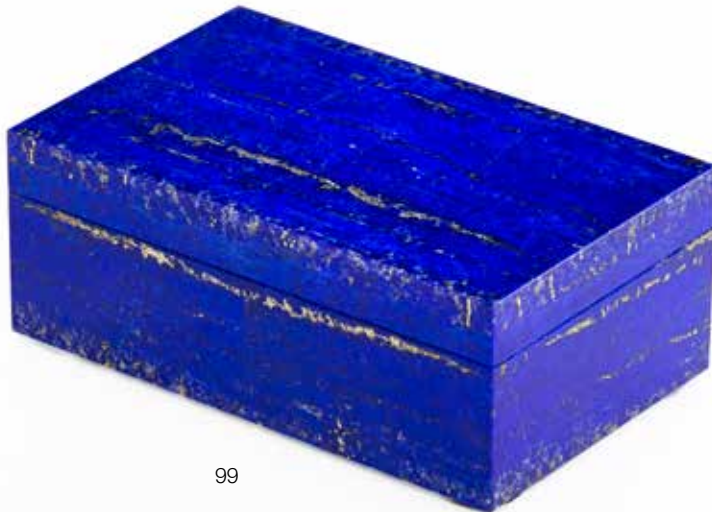
98

LAPIS LAZULI CARVING OF A HORSE

Carved of Afghani lapis lazuli, this majestic carving of a galloping horse was hand carved of bright blue lapis having shimmering flecks of pyrite. *Measuring 12 1/2 x 7 x 3 1/2in*

\$1,000 - 1,500

To be sold without reserve



99

99

LAPIS LAZULI INTARSIA BOX BY KONSTANTIN LIBMAN

Expertly crafted by a contemporary Russian lapidary artist, comprising sections of fine, jewelry grade lapis lazuli having beautiful patterns of pyrite inclusions. The panels are expertly matched at the edges so as to appear seamless. The finely hand-crafted box, with hinged lid and interior lined with Spanish cedar wood. *Measuring 4 3/4 x 3 x 1 3/4 in*

\$1,800 - 2,500

Offered in a custom-fitted wooden presentation box.



100

100

GROUP OF THREE HARDSTONE SNUFF BOTTLES

Each of ovoid form, the first carved of green zoisite from Tanzania with black veining and flecks of ruby, topped by a fuschite stopper, *height 3in*; the second, a banded agate snuff bottle with carnelian stopper, *height 3 1/4 in*; and the third a Chilean lapis lazuli snuff bottle, *height 2 3/4 in (3)*

\$1,000 - 1,500



101

101
PAIR OF MALACHITE OBELISKS

Democratic Republic of Congo
 Designed in the Neoclassical style with a raised foot, composed of intarsia-work sections of vivid green botryoidal malachite and exhibiting a fascinating concentric color banding. *Height 19in (2)*

\$1,500 - 2,500

102
PAIR OF MALACHITE VASES

Democratic Republic of Congo
 Composed of sections of malachite of vivid green with bright concentric banding. The everted rim of the vases having scalloped edges and each raised on a tapering foot. *Height 11 1/2 in (2)*

\$2,500 - 3,500

103
MALACHITE INTARSIA PRESENTATION BOX

Democratic Republic of Congo
 Of hexagonal outline, with brass edging, this hand-fabricated box of malachite has been formed of sections which have been formed into panels to create a decorative box, featuring bull's eye patterns and concentric banding throughout. *Measuring 6 3/4 x 6 3/4 x 4 in*

\$1,200 - 1,500
To be sold without reserve



102



103



104

104

MALACHITE INTARISA BOX

Fabricated by an expert lapidary in Russia, the present octagonal decorative box is made of panels of malachite from the Democratic Republic of Congo. With hinged lid having black obsidian borders to the interior and velvet lining. The lid of the box in particular has been beautifully matched to best show the botryoidal concentric growth bands. *Measuring 7 1/4 x 7 1/4 x 2 3/4 in*

\$2,000 - 3,000

105

DECORATIVE MALACHITE BOX ADORNED WITH A PORTRAIT MINIATURE

19th Century

Formed of thick panels of malachite intarsia and raised of four feet, with brass hinge and drop-shaped pull to the front. The lid applied with four oval brass ornaments with oval cabochons of carnelian agate. Set to the center with a watercolor portrait miniature depicting a lady. *Measuring 12 x 8 x 6 1/4 in*

\$3,000 - 5,000



105

105A

GROUP OF FOUR MINERAL SPECIMENS FROM WORLD LOCALITIES

Including: a Sepiolite (Meerschaum): *Eski-Sher, Mihaliççik District, Eskisehir, Turkey. Meerschaum*, the German expression for “sea foam”, is considered by many the finest material for making tobacco pipes because its porous nature provided for a cool, dry, flavorful smoke by drawing in tar and water. In order to establish a carving industry at home, Turkey banned the export of raw nodules such as this in the 1970s, making material somewhat difficult to obtain. All that remains outside of the country is that which had been exported between the first use of meerschaum during the late 18th century and the 1970s and which had not been carved by masters such as those that were in Vienna, *height 5 1/2 in*; together with a Serpentinite [Antigorite, Chrysotile (asbestos)], *New Amianthus (Kaapsche-Hoop) Mine, Barberton District, Mpumalanga (Eastern Transvaal), South Africa*, with “shock-cone” like form similar to those found at meteorite impact sites and the layered structure typical of the “Ribbon Line” horizon of the New Amianthus mine; a Moissanite (synthetic silicon carbide), the colorless version of which is now employed as a synthetic simulant of diamond. These beautiful iridescent crystals grew in a open space that allowed their form to fully develop; and a Heulandite-Ca/Mordenite, *Rat’s Nest claim, Challis, Bay Horse District, Custer Co., Idaho*. Heulandite and mordenite both belong to the zeolite group of minerals. *Heights ranging from 3in to 5 3/4in (4)*

\$900 - 1,200

To be sold without reserve



105A



106

106

MALACHITE STALCTITE

Shilu Mine, Yang Chun Country, Guangdong Province, China

A dramatic cabinet specimen, this tall stalactite has a scintillating texture and a secondary growth of velvety sprays of malachite at the front. *Measuring 6 x 1 1/2 x 1 in*

\$1,500 - 2,000



107

107

MIMETITE

Ojuela Mine, Mapimi, Durango, Mexico

In July of 1969 an isolated pocket of this rare type of mimetite was discovered which displays a botryoidal habit—a form completely uncharacteristic for the species. Specimens of this type seen today originate from that find, however few have as intense a yellow color as this one where the bright spherules contrast dramatically against the brown matrix. Vivid yellow spherules of mimetite grace this classic cabinet-sized specimen. *Measuring 3 1/4 x 2 1/4 x 2 in*

\$1,200 - 1,500

Offered on a custom-fitted lucite stand with locality information.



108



109 (side view)

108

WHITE NEPHRITE INTARSIA BOX BY KONSTANTIN LIBMAN

Burma

The top lid formed of two panels of white nephrite, with edges that have been perfectly matched at the corners. With brass piano hinge and wooden panel to the interior of the lid and box. *Measuring 8 x 5 1/4 x 2 1/2in*

\$2,500 - 3,500

Offered in a custom-fitted wooden presentation box.



109

109^w

EXCEPTIONAL NEPHRITE JADE TABLE ON CUSTOM FORGED IRON STAND BY KEN WILLIAMS

British Columbia is known to have the richest concentration of nephrite in the world. Originating from an immense boulder, weighing approximately 26 tons, which was transported over 1200 miles to the lapidary's workshop for slabbing....the sheer logistics of creating this piece were overwhelming.

The present table is unique and may be the largest ever offered at public auction. A free-form cross-section slab--it is the center-cut of an immense boulder of nephrite. The quality is exceptional and the thickness robust at nearly 4 inches. The length is extraordinary at nearly 11 feet--it was designed to comfortably seat 12 to 14 individuals as a conference or dining table. Exhibiting a deep, rich green hue and excellent polish to its face. Weight of nephrite approximately 2200 lbs. Total weight with base approximately 3000 lbs. Raised on a unique, artistic custom-made iron base fabricated by Washington based artist Ken Williams. *Height overall 29 5/8in (75cm); length 10ft 7 1/2in (323cm); width 4ft 2 1/2in (128cm); depth of table top 3 3/4in (9cm)*

\$30,000 - 50,000

Ken Williams, a Master Blacksmith based in Washington State, is dedicated to balancing formal beauty with the raw power of the metalworking process. He states:

"I began working with iron many years ago. Today I enjoy the freedom of designing traditional or contemporary, forged or fabricated projects. As a metalsmith, the real joy starts when the iron in the forge turns to a bright yellow-orange. It's character totally changes and in this clay-like state it can be transformed into any conceivable texture, shape, and form."

Ken Williams creates fine architectural, sculptural and functional forgings using the time honored traditions of the blacksmith and the creativity as an artist. He has forged projects from pure iron, wrought iron and modern steels as well as non-ferrous metals such as bronze, brass, copper and aluminum for ornamental work. These forged metals take shape as furniture, lighting, fireplaces, railings or gifts for interior or exterior locations.



110



111



112

110

RUSSIAN OBSIDIAN, DIAMOND, GOLD AND QUARTZ FLOWER STUDY--"SNAKEHEAD"

Carved by a contemporary Russian lapidary artist, depicting a campanile species flower known as "the snakehead", each flowerhead carved of Russian brown and black obsidian, polished to a mirror bright sheen, the flowers set with small diamonds to the center. Naturalistically rendered stems of 18K yellow gold adorned with seven leaves having serrated edges. Set into an optically clear rock crystal quart vase, rimmed with gold to the base. *Height 6in*

\$3,000 - 5,000

111

BLACK OBSIDIAN CARVING OF A CROW BY PAUL DREHER

Idar-Oberstein, Germany

Depicting a crow, realistically rendered with natural texturing and capturing the "oily sheen" of the feathers for which this bird is known. With silver feet, resting upon a petrified wood base with natural bark texturing still present on all sides. *Measuring 7 x 4 1/2 x 2 3/4in*

\$600 - 1,000

112

BLACK OBSIDIAN CARVING OF A WATER BUFFALO

By Georg Wild

Idar-Oberstein, Germany

This is a classic Idar carving in which the water buffalo is perfectly modeled to scale and has been realistically rendered with texturing of skin and horns. With inset reverse painted agate eyes. *Length 5 in*

\$1,200 - 1,500



113^w

IMMENSE PAIR OF BOOK-MATCHED, ILLUMINATED SLABS OF BANDED ONYX

Mexico

Onyx, a translucent stone, is composed of crystalline silica. Often found in caves, onyx is formed by the slow flow of cold, carbonated spring water. This unusual pair of large decorative wall panels is painstakingly fashioned from banded calcite (travertine onyx) so that the patterning on one, mirrors the patterning on the other in honey-colored calcite. They are softly and glowingly lit from behind. The dramatic concentric banding would create a statement in any interior. *Measuring 76 x 24 x 4 3/4in*

\$6,500 - 8,500



114

114

BANDED ONYX BOWL

Mexico

The art of bowl making is not an easy one and there are only a few locations where such carving is properly performed, namely Germany and Mexico. The present bowl, is unique due to its spherical form and the fact that along its rim it still retains its original boulder edges. This bowl could be effectively displayed if illuminated from either behind or below as a light would suffuse the piece with a warm inner glow highlighting the virgin white body color and dramatic bands of grey, brown and tan. *Measuring 10 x 10 1/2 x 10 1/2 in*

\$1,000 - 1,500



115

115^w

LARGE PAIR OF BANDED ONYX LUMINARIES

Mexico

Onyx, a translucent stone, is composed of crystalline silica. Often found in caves, onyx is formed by the slow flow of cold, carbonated spring water. This fine pair of large decorative columns/pedestals has been fashioned from banded calcite (travertine onyx). They glow softly from the illumination within. *Measuring 5 feet 9 in x 12 in x 12 in (2)*

\$3,000 - 4,000



116

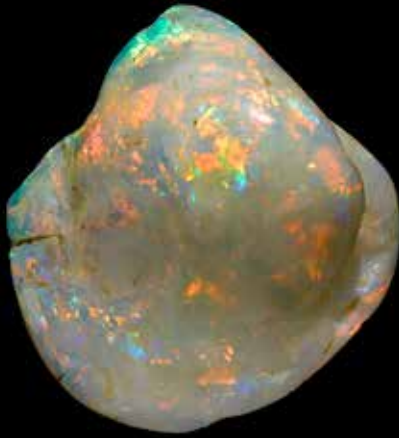
116

LARGE BANDED ONYX FREEFORM BOWL

Mexico

Onyx, a translucent stone, is composed of crystalline silica. Often found in caves, onyx is formed by the slow flow of cold, carbonated spring water. Over the centuries it has been used in a wide variety of interior applications. This handsome presentation bowl is hand carved from a single large rough specimen of banded onyx. *Measuring 21 x 24 x 12 1/2 in*

\$1,200 - 1,500



117



118



119



120

117

DOUBLE-SIDED OPALIZED CLAMSHELL

Coober Pedy, South Australia

Opalized fossils, like most other Australian opal, are found around the margins of an inland sea that covered about a third of Australia 110 million years ago, during the Cretaceous period. Opalized fossils from South Australia and from White Cliffs in NSW are of saltwater marine animals, while opalized fossils from Lightning Ridge are from plants and animals that lived on the land, or in freshwater creeks and rivers. The large majority of opalized clamshells are simply common opal, but the present one is bright and gemmy. Distinguished by a full spectral play-of-color, vivid orange and red, as well as broad flashes of green abound on both sides of this bi-valve mollusk. The reverse side has added interest in the form of a unique hole, most likely drilled by a parasite during the life of the clam. A natural opening at the edge reveals interior chamber of the clam and the hinge is clearly visible. *Weighing approximately 79.5 carats and measuring 37.62 x 35.32 x 18.62mm*

\$4,000 - 6,000

118

FIERY CRYSTAL OPAL

Ethiopia

A large oval, polished double-sided cabochon having a yellow to orangey-red body color predominating in bright reds and orange with yellow and green play-of-color even visible across the stone. The reverse side of the thick cabochon also displays some flashes of color. *Weighing approximately 31.06 carats and measuring 26.99 x 20.57 x 11.66mm*

\$7,000 - 9,000

119

BLACK OPAL WITH BLUE-GREEN FIRE

Lightning Ridge, New South Wales, Australia

A pear-shaped cabochon black opal having a vivid, electric green play-of-color, with flashes of peacock, teal and electric blue in a floral pattern. *Weighing approximately 3.88 carats and measuring 14.0 x 9.0 x 4.0mm*

\$1,000 - 1,500

120

ELECTRIC GREEN BOULDER OPAL PENDANT

Queensland, Australia

Reminiscent of a Helen Frankenthaler abstract painting, this rectangular, plaque-shaped specimen of boulder opal possesses extensive blue-green opalization across its face, with a distinctive veining, revealing some of the brown ironstone matrix beneath. Mounted in 14K yellow gold. *Height 1 3/4 in*

\$1,200 - 1,500



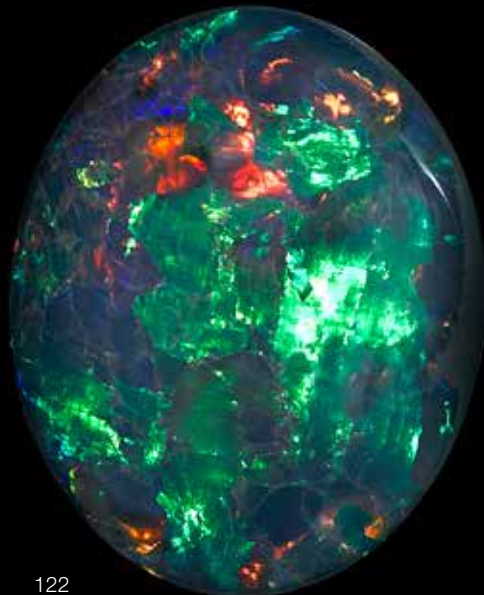
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121

**LARGE FREE-FORM “HEART-SHAPED”
BLACK OPAL**

Lightning Ridge, New South Wales, Australia
Ideally suited to being mounted as a pendant or brooch, the present free-form opal is a large stone for the region and most notably it has a true black body color. The face has been contour polished to reveal red, orange and green play-of-color as well as some flashes of electric blue. Large opals of this size are now difficult to find in today's market. Weighing approximately 72.48 carats and measuring 42.83 x 30.77 x 9.64mm

\$15,000 - 20,000



122

122

BLACK OPAL WITH RED FIRE

Ethiopia

A bright oval cabochon opal having a true black body color with predominantly red play-of-fire with flashes of orange, extensive green and also electric blue-purple. It is rare to see true black body color in Ethiopian opals. Weighing approximately 7.5 carats and measuring 17.21 x 14.20 x 5.03mm

\$4,500 - 5,500

Accompanied by a Gemological Institute of America report number #2173789178 dated August 16, 2016 stating that the cabochon black opal is natural and that it shows no indications of color treatment.



123

GEM-ENCRUSTED KASCHOLONG OPAL AND BLACK NEPHRITE CHESS SET

By Konstantin Libman and Ivanna Harchenko

Silversmith: Denis Vedernikov

The board comprised of squares of Australian Black Nephrite and African Kacholong opal and Russian Dolerite. The chess pieces carved of Australia Black Nephrite and African white Kacholong opal, mounted with hand-fabricated 0.925 silver, weighing approximately 1,946 grams. The pieces are accented with rubies, weighing approximately 14.23 carats and sapphires, weighing altogether 8.48 carats as well as fresh water pearls.

Chess board measures 12 x 12 x 1 1/4in

\$35,000 - 45,000





124

124

SUITE OF NINE HEART-SHAPED PINK OPALS

Andes Mountains, Peru

Polished cabochons of pink opal in various sizes, each having bright, well-saturated even color and translucency. *Total weight approximately 104.45 carats. Largest measuring 25.05 x 22.74mm (9)*

\$2,500 - 3,500

125

BLACK OPAL

Lightning Ridge, New South Wales, Australia

A large, well-proportioned oval, double cabochon black opal having blue play-of-color. *Weighing approximately 21.96 carats and measuring 22.09 x 19.29 x 9.06mm*

\$1,000 - 1,500

126

DOUBLE-SIDED BLACK OPAL

Lightning Ridge, New South Wales, Australia

Characterized by a bright blue green color on black, the present pear-shaped opal displays play-of-color to both sides of the cabochon. *Weighing approximately 11.16 carats and measuring 26.4 x 16.96 x 4.2mm*

\$2,500 - 3,500

127

BLACK OPAL AND HIGH-KARAT BEAD NECKLACE

Lightning Ridge, New South Wales, Australia

Comprising 22 polished nugget-shaped beads, graduating from 29.5 mm at the center to 13.8mm at the ends, with three 22K yellow gold beads as accents. *Total weight approximately 395 carats. Length 19in*

\$1,200 - 1,800

128

FIERY CRYSTAL OPAL

Ethiopia

A triangular opal cabochon having excellent transparency and a vivid red play-of-color with some flashes of yellow and green rolling across the face of the opal. *Weighing approximately 19.66 carats and measuring 25.3 x 24.86 x 7.0mm*

\$4,500 - 6,500

129

FINE CRYSTAL OPAL CABOCHON

Ethiopia

A large, high-domed cushion-shaped, double-cabochon crystal opal, having a white to light yellow body color, predominating in orange play-of-color with some red flashes and intensive greens. *Weighing approximately 37.03 carats and measuring 26.13 x 19.64 x 14.60mm*

\$7,000 - 9,000

130

LARGE PINK OPAL CABOCHON

Andes Mountains, Peru

Suitable for mounting as a brooch or pendant, the present large oval cabochon displays even pink color and some translucency at the edges. *Weighing approximately 45.89 carats and measuring 36.79 x 25.03 x 8.64mm*

\$1,200 - 1,500



125



126



128



129



130



127



131

131
BLACK OPAL WITH BLUE-GREEN FIRE

Lightning Ridge, New South Wales, Australia

An elegant, elongated oval cabochon black opal suitable either for mounting horizontally in a ring or vertically as a pendant. Vivid broad flash blue-green play-of-color distinguishes this fine stone. *Weighing approximately 10.46 carats and measuring 23.0 x 9.5 x 6.5 mm*

\$3,500 - 4,500

132

OPAL AND DIAMOND PENDANT

Coober Pedy, South Australia

Set with a large and impressive pear-shaped white crystal opal, *weighing approximately 33.35 carats*, having full spectral, "pinfire" play-of-fire within the light grey body color, surmounted by a 0.53 carats brilliant-cut diamond, mounted in 18K yellow gold and platinum. The chain completed by a lobster claw clasp. *Length of chain: 16 1/2 in.*

\$3,000 - 4,000

133

FINE CRYSTAL OPAL BEAD NECKLACE

Ethiopia

A large and impressive single-strand crystal opal bead necklace comprising rondelle-form beads, *graduating in size from 13.57mm at the center to 8.19mm at the ends*, having a light yellow body color and vibrant, full-spectral play-of-color, completed with an 18K yellow gold clasp. *Weighing approximately 229.13 carats, Length 21 1/2in*

\$6,000 - 8,000

134

CAT'S EYE OPAL IN MATRIX

Brazil

To our knowledge no more than 80 kilos of this rare variety of cat's eye opal have been mined in the last 30 years. This particularly rare green opal is found in veins in dark brown volcanic rock and its color is due to its iron content. The present oval cabochon features a seam of chatoyant orange opal in its green matrix. This is the only location in which this particular type of opal can be found. *Weighing approximately 55.55 carats and measuring 36.92 x 22.1 x 13.0mm*

\$1,200 - 1,500

135

FIERY CRYSTAL OPAL BEAD NECKLACE

Ethiopia

Designed as a double-strand bead necklace consisting of spherical beads of crystal opal graduating from 6.44 mm at the center to 3.8mm at the ends, with a total weight of approximately 110 carats, completed by a 14K yellow gold clasp, *(weighing approximately 4.1g), length 21 in.*

\$2,500 - 3,000

136

UNUSUAL CRYSTAL OPAL AND DEMANTOID GARNET PENDANT

Set with two flat, polished opal cabochons from the volcanic regions of Ethiopia having unusual flow patterns and light and dark areas with red and green play-of-fire, each measuring 28.48 x 15.99 x 2.4mm and 24.67 x 16.19 x 2.0mm, prong set and accented with nine circular-cut demantoid garnets, mounted in 18K yellow gold. *Height 2in*

\$8,000 - 10,000



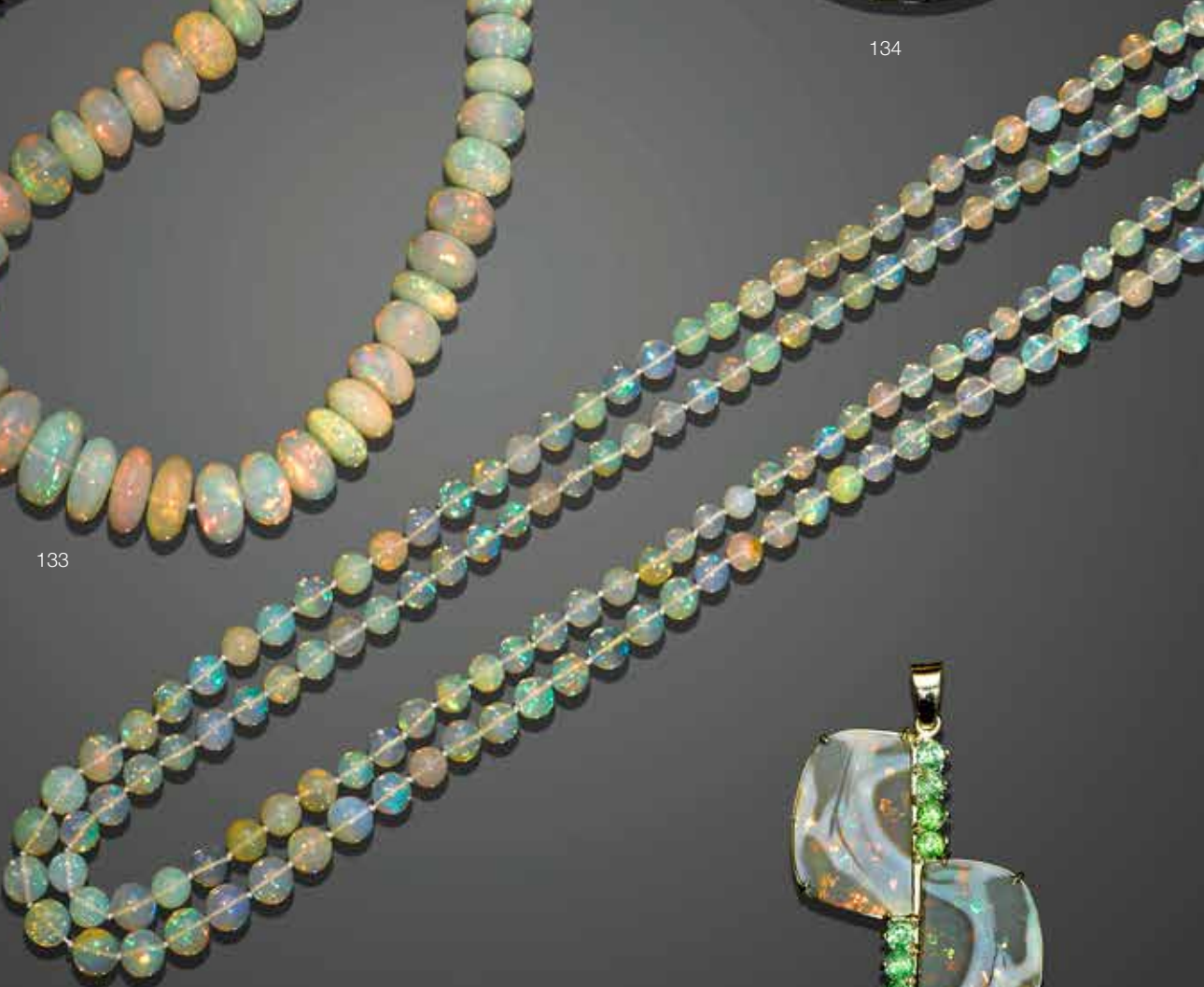
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133



134



135



136



137

137

LARGE AND EXCEPTIONAL RED FIRE OPAL

Magdalena, Jalisco, Mexico

Opals were formed during the Cretaceous period and brought to the Earth's surface during the Pleistocene age. There are 25 or so varieties of opals but the most significant fire opal deposits are found in Mexico. One of the two largest sites for mining the Mexican fire opal, is located near Magdalena, Jalisco, a small city located approximately 100 miles east of Vallarta. Magdalena is in a region laden with igneous rocks, obsidian, volcanic lava, and more that 300 opal mines.

Mexican fire opals consist of silicon dioxide or silica spheres arranged in an orderly pattern with iron oxide dispersed throughout giving the fire opal its distinctive brilliant flame-like colors of yellow, orange, and red. The three most important attributes of the fire opal are body colors, transparency, and play-of-color (differing colors when viewed from various angles). Simply put, the greater the play-of-color, the more precious the gemstone. Because most opals are not faceted, they are generally displayed in the cabochon form; however, fire opals are often the exception. Mexican fire opal was known by the Aztecs and was used by Mayans as well for ritualistic purposes and in various mosaics. Even today many connoisseurs believe that fire opals bestow courage, stamina, and energy to the wearer due to its warm, fiery orange-red colors.

Bright cherry-red in color, this present oval faceted opal is from the famed volcanic deposits of Mexico. Red opals from this region are increasingly difficult to obtain in today's market. The present opal is an oval, modified brilliant-cut having a vivid reddish orange hue. *Weighing approximately 30.47 carats and measuring 24.08 x 18.61 x 15.32 mm*

\$3,500 - 4,500

Accompanied by a Gemological Institute of America report number 2165185530 dated November 13, 2014 stating that the transparent reddish orange opal is natural.

138

NEVADA OPAL PENDANT

Virgin Valley, Nevada

In a remote high desert region, at an elevation of 6,000 feet, lies Virgin Valley, an area which since 1900, has become as famous a locality for opal as Lightning Ridge, N.S.W., Australia. For collectors, the region is renowned for its clear jelly or crystal opal. The location was once a large lake surrounded by forests of sequoia, spruce, hemlock and chestnut. A series of volcanic eruptions buried the region in layers of ash. Over the millennia, silica-rich water from the area's hot springs infiltrated the ash and hydrated silica molecules replaced the buried wood forming precious opal under certain conditions. The present pendant is set with a free-form Nevada opal, *weighing approximately 8.0 carats*, notable for its brown body color and vivid play-of-fire which predominates in red and orange with flashes of green, mounted in 14K yellow gold. *Height 1 1/2 in*

\$1,500 - 2,000

139

MULTI-COLOR FIRE OPAL TORSADE NECKLACE

Comprising faceted fire opal beads from Mexico, fashioned as oval beads drilled lengthwise, measuring 7.6mm in length, graduating in color from near-colorless at the ends to tangerine orange to deep red at the center, with high-karat gold granulation decorated rondelle spacers at intervals, completed with a high-karat gold s-hook clasp. *Total weight approximately 592 carats. Length 16in*

\$1,500 - 2,000

140

TWO CRYSTAL OPALS

Ethiopia

Suitable for mounting as a pendant and an ring or together, possibly cut from the same rough and having the similar yellow body color and broadflash play of color predominating in rich reds and yellow with flashes of green. The oval opal, *weighing 3.50 carats and measuring 18.04 x 11.07 x 4.14 mm*, and the pear-shaped drop, *weighing approximately 5.28 carats and measuring 19.48 x 11.77 x 6.10mm*. *Total weight 8.78 carats. (2)*

\$1,500 - 2,000

141

UNUSUAL MATRIX OPAL, OPAL AND HIGH-KARAT GOLD NECKLACE AND MATCHING RING

Honduras

Designed as a continuous single-strand necklace formed of rondel and barrel-form matrix opal beads, alternating with orange, green honey and white opal beads from the Andes Mountains of Peru which accent the inherent natural colors of the matrix opal as it shows flashes of red, green. The necklace is accented with five 22K gold beads from Bali, *length 24 in*; together with a hololith ring carved from a single piece of matrix opal, *size 6 1/2. (2)*

\$1,000 - 1,500

142

BOULDER OPAL AND MULTI-GEM INLAID BELT BUCKLE

Yowah, Queensland, Australia

Centering on a large boulder opal having unusual patterns of opalization in the ironstone matrix, bezel-set in silver within an intarsia border of tiger's eye, Chinese turquoise, jasper and onyx, mounted in sterling silver, *stamped with maker's mark JR. Length 3 1/2 in*

\$700 - 1,200

To be sold without reserve



138



139



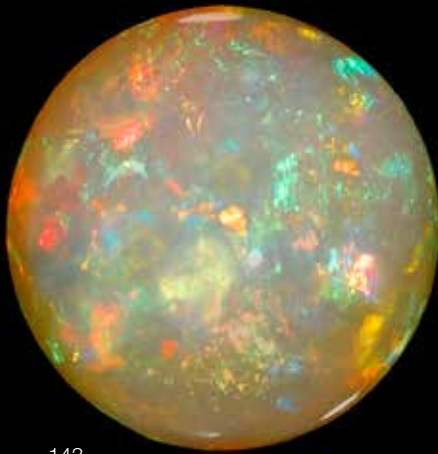
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143

OPAL SPHERE

Ethiopia

Light to medium yellow body color, this symmetrical sphere of opal (an undrilled bead) would be suitable for mounting in a ring or pendant. Brilliant red and orange flashes abound with flashes of green and blue intermingled, *undrilled*. Weighing approximately 11.59 carats and measuring 13.65mm in diameter

\$2,800 - 3,500

144

LARGE, VERY FINE CRYSTAL OPAL

Ethiopia

This stunning opal has been fashioned as a pear-shape drop, with a white to pink body color and vivid scatter-effect play-of-color in full spectral array. An excellent stone for mounting as a pendant. Weighing approximately 47.84 carats and measuring 40.70 x 20.20 x 12.42mm

\$3,000 - 4,000

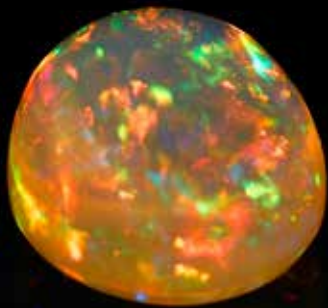
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CRYSTAL OPAL SPECIMEN

Ethiopia

Suitable either to be retained as a study specimen or for use as cutting material, the present offering is an example of white crystal opal in its original rough state--an excellent illustration of this volcanic source of opals. Having electric neon play-of-color with red, green, orange and some electric purple hues, with the natural "rind" of the specimen still visible. Weighing approximately 144 carats (28.8 grams) and measuring 1 3/4 x 1 1/8 x 1/2in

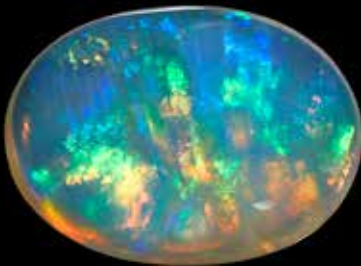
\$2,000 - 3,000



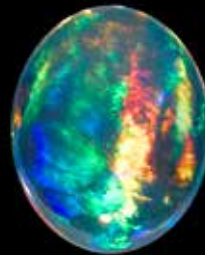
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147



148



149



146

EXCEPTIONAL ORANGE JELLY OPAL

Magdalena, Mexico

An oval cabochon having a high dome showing vibrant play-of-color predominating in red, orange and green hues, within a tangerine orange body color. *Weighing approximately 7.35 carats and measuring 12.30 x 11.54 x 9.27mm*

\$3,500 - 4,500

147

EXCEPTIONAL ORANGE JELLY OPAL

Magdalena, Mexico

A near-circular cabochon jelly opal (known as a "roval" in the opal trade) having exceptional fire and play of color in its highly transparent body color of deep, rich orange. With excellent polish and a well-formed dome. *Weighing approximately 4.20 carats and measuring 11.41 x 10.20 x 6.59mm*

\$4,000 - 6,000

148

VERY FINE JELLY OPAL--"AURORA BOREALIS"

Wello, Delanta Plateau, Tigray, Ethiopia

This is an excellent precious opal from the leading local mine found in Wello province, Delanta region, around 2700 ft above sea level and 570 km northwest of the capital city Addis Ababa. Discovered in 2008, opal from Wello, Ethiopia has recently come to the international market. Mined only by the local farmers who are currently banding together to form small mining cooperatives, the Ethiopian Ministry of Mining and Energy is making efforts to train them on mining safety, polishing, and market conditions.

Mineralogically speaking Wello opal is very different from Australian opal. In composition it may be most similar to Indonesian opal. Australian white opal, which some may superficially think has a similar appearance, is actually formed of silicon spheres stacked one on top of the other, creating a diffraction grating that disperses light entering the opal. The Wello material, on the other hand, has no spheres, but instead possesses a totally different structure altogether. The color display patterns range from rolling holographic orbs and dots to sheet, to flagstone to broadflash, to rolling ribbons and

threads and exhibit some wave-like patterns as well.

This oval cabochon exhibits the most desirable qualities of this new find: fashioned as an oval double cabochon, displaying both a high degree of transparency as well as full spectral play-of-color with rolling flashes of red, orange, yellow to green and electric blue reminiscent of the optical effects of the Northern Lights. *Weighing approximately 23.74 carats and measuring 26.98 x 19.85 x 8.59mm*

\$3,000 - 4,000

149

PAIR OF EXCEPTIONAL JELLY OPALS

Jalisco, Mexico

This beautifully matched pair of jelly opals has exceptional transparency to the near-colorless body and a range of full spectral hues visible, *weighing 3.40 and 3.85 carats*. the play-of-color is vibrant and extremely present and is unmasked by any haze. *Total weight approximately 7.25 carats and measuring 11.20 x 9.37 x 5.72mm and 11.67 x 9.48 x 6.32mm*

\$7,000 - 9,000



150



152



151

150

EXCEPTIONAL, LARGE PERIDOT

Burma

Peridot is sometimes mistaken for emeralds and other green gems--and, in view of the present stone--this mis-observation can be understandable. Tiffany & Co. director and gemologist, George Frederick Kunz, discussed the confusion between emeralds and peridots in many church treasures. Peridot olivine is the birthstone for the month of August. The present offering is of a fine peridot of large size for the species, faceted as a triangular-cut. The checkerboard faceted top and pavilion provide an extra measure of scintillation to the already beautiful material. With its fine clarity and luster this is an excellent choice for the collector. *Weighing approximately 50.74 carats and measuring 27.20 x 22.67 x 14.51mm*

\$14,000 - 18,000

151

VERY FINE PERIDOT

Burma

A classic, cushion-cut peridot which exhibits the correct shade of green and excellent transparency and luster. *Weighing approximately 26.79 carats and measuring 17.92 x 16.12 x 13.64mm*

\$4,500 - 5,500

152

PERIDOT

Burma

A cushion-shaped stone with pleasing proportions having good luster. *Weighing approximately 12.37 carats and measuring 13.64 x 11.97 x 9.03mm*

\$1,200 - 1,500



153

153

PAIR OF PERIDOTS

Burma

This stunning pair of peridots have been faceted as circular-cuts, a classic style of faceting for this mineral. Both stones display some of the internal schiller effect which is a diagnostic aid for identifying the locality of Burma from which the peridots originate. Bright green in color without modifying yellows, this is a fine pair for the knowledgeable collector. *Total weight approximately 40.45 carats and measuring 18.4 x 9.9mm and 18.2 x 9.9mm*

\$7,000 - 9,000

154

UNUSUAL PERIDOT AND LAVA BEAD NECKLACE

Consisting of hand-woven beads in two sizes which comprise small natural, micro-faceted Pakistani peridot beads woven into spherical beads, alternating with 15.0 mm spherical beads carved of black lava from the Canary Islands. Completed by a silver clasp. *Length 16in*

\$1,000 - 1,500

To be sold without reserve

156

155

GROUP OF TWELVE PERIDOTS

Pakistan

Comprising a variety of emerald-cuts and ovals, the largest weighing approximately 3.60 carats. *Total weight 25.81 carats (lot)*

\$1,000 - 1,500

To be sold without reserve

156

STAR PERIDOT

Burma

From an old mining locality, now virtually unavailable, comes this highly unusual and attractive, high-domed, double cabochon possessing a desirable hue of rich green. Most importantly, it is notable for exhibiting the rare phenomenon of well-centered four-rayed star. Asterism is a virtually unheard of phenomenon in peridots. *Weighing approximately 25.25 carats and measuring 16.5 x 12.0 x 12.5mm*

\$8,000 - 10,000



157



158



159

157

PETALITE

Mogok, Burma

A rare mineral, petalite generally occurs in pastel yellow although it is sometimes seen ranging from pink to colorless. It was discovered on the Swedish island of Ut Arfvedson by the Brazilian scientist, Jos Bonifacio de Andrada de Silva, while he was visiting Sweden towards the end of the 18th Century. The name "petalite" is derived from the Greek Petalon meaning 'leaf' and 'lithos' meaning stone referring to its leaf-like cleavage. The major sources for nice, transparent and facetable stones are Brazil, Namibia and Burma, with the present example coming from the classic Mogok, Burma source. It owes its desirability to rarity, and definitely deserves a place in collections, especially in larger sizes such as the present stone. Any specimen that weighs above 2.0 carats is considered rather large. Whether used as a collection stone or mounted as jewelry (the hardness is 6-6.5), it is sure to be a great conversation starter. The present stone has been faceted as a mixed, cushion-shape to best reveal its high degree of transparency and luster. *Weighing approximately 13.64 carats and measuring 15.97 x 13.62 x 11.26 mm*

\$1,200 - 1,500

Accompanied by a Gem Identification report from Asia Glory Gemmological Laboratory of Myanmar report number 012159 dated November 22, 2013 stating that the petalite originates from Mogok, Myanmar and that it shows no indications of treatment.

158

PREHNITE

Prospect Park Quarry, Passaic County, New Jersey

A fine cabinet specimen consisting of a cluster of well-formed celadon green stalactites with micro-crystalline surfaces producing a scintillating effect. *Measuring 5 x 4 x 2 3/4in*

\$1,200 - 1,500

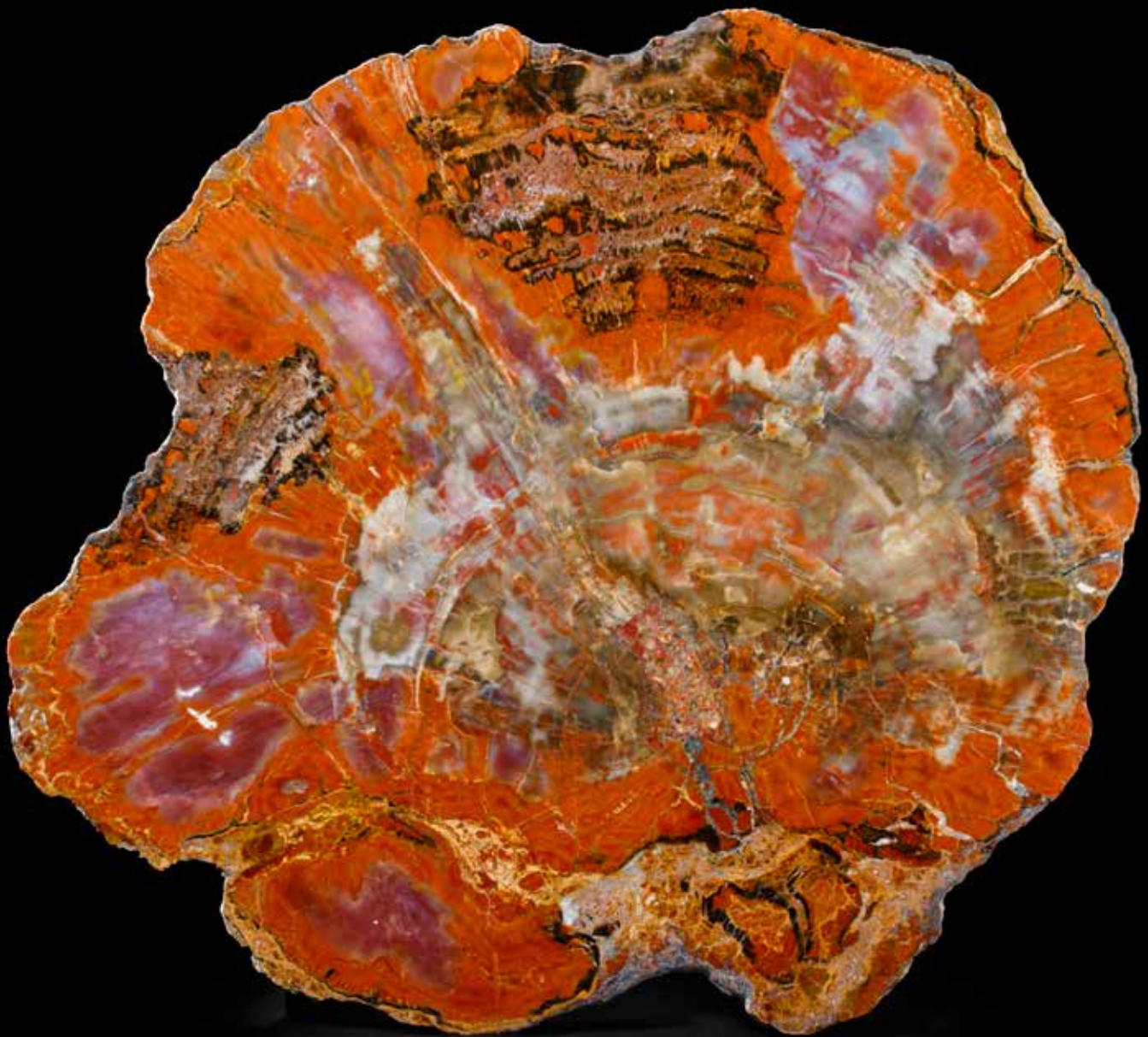
Offered on a custom-fitted lucite display stand.

159

CARNELIAN AGATE BOWL

Carved of Brazilian agate and designed in the classic Chinese taste with a raised foot and excellent thinness to the sides allowing for translucency in order to reveal the patterns of concentric banding. *Height 2 3/4in, diameter 6in*

\$1,000 - 1,500



160^w

EXCEPTIONAL PAIR OF PETRIFIED WOOD BOOK-MATCHED SLABS

Araucarioxylon

Triassic

Chinle Formation, Arizona

Suitable for use as a pair of end tables, this is an exceptionally beautiful pair of consecutive polished slabs of petrified wood. Rare due to their excellent shape which is oval to round, they were sourced from the same log and then polished to a high, mirror-bright surface. The classic, rich red hues are dramatically accented with black. These slabs are now considered to be a sought after "collectible" in the Natural History hobby. With full bark texture all around. *Each measuring 29 1/4 x 27 1/2 x 1 1/2in; 30 1/2 x 27 x 1 1/2in*

\$6,500 - 8,500





161

161^w
PETRIFIED WOOD LONGITUDINAL CROSS-SECTION SPECIMEN

Araucaria
Triassic
Madagascar

Suitable for use as a bench, having rich hues of tan beige, ecru and red. The reverse still of rounded form of the original tree with full bark texture. *Measuring 37 1/4 x 12 x 1in*

\$1,500 - 2,000



162

162
PETRIFIED WOOD SPHERE

Madagascar

The center cut of a large specimen of agatized wood, the present sphere is well polished to reveal the rich tones of red, brown and beige. *Diameter 8in*

\$1,500 - 2,000



163

163
PETRIFIED WOOD SPHERE

Madagascar

Warm browns intermingled with red and beige are seen in this well polished sphere. *Diameter 5 1/2in*

\$1,200 - 1,500

164^w
PETRIFIED WOOD INTARSIA TABLETOP

Madagascar

Unusual for its circular form and having a unique design, with cross-section slices of petrified wood selected for the strength of the rich red hues placed in an attractive concentric design. *Measuring 28 x 1 1/2in*

\$2,500 - 3,500



164



165

PETRIFIED WOOD FROM AN UNUSUAL LOCALITY

Burma

100 million years old

When trees fall or are covered by sediment, over time, the organic materials of the wood are replaced with mineral deposits over thousands (if not millions) of years. Most frequently a silicate, such as quartz, is the primary replacement mineral which makes the petrified wood colorful and durable. When these pieces are found and dug up from deep pits, workers spend hundreds of hours hand-polishing each piece (but they do not carve the shape) of these to show the natural coloring and shape of these unique treasures. The present piece is particularly unusual in that the wood had already begun rotting before the woods silicified, leaving behind twisted and interesting pieces of multi-colored petrified wood. Unlike other petrified woods we have seen, it obtained its elegant curvature and style because the wood rotted in the ancient swamp for a period of time. The shapes on this piece are all natural, and the luster was brought out with only a slight polish. This wood is more translucent (silica-rich) than most petrified wood, in addition to having the surreal forms and swirls. Its placement on a custom-fitted wooden stand lends it the presence of an elegant contemplation stone in the traditional Chinese manner. *Specimen measures: 16 x 5 x 4in*

165

\$1,000 - 1,500



166

166
LARGE POLISHED AGATE SLAB

Brazil

This is a large, cross-section slab--possibly a center-cut of a large boulder of agate. Such large specimens are now increasing difficult to find in today's market. The borders exhibit bands of dark brownish black agate, with touches of rare reds, while the center is near-colorless quartz. Three large cavities are filled with quartz points seen transected in cross-section. This showy specimen is ideally suited for display in front of a window or with a light behind to best view the crystals to the interior. *Measuring 21 x 19 x 1/2in*

\$1,500 - 2,000



167

167
AGATE CARVING OF A GOOSE BY GERD DREHER

Idar-Oberstein, Germany

The water fowl carved from a single specimen of Brazilian banded agate, with excellent translucency at the neck. The eyes are formed of small cabochon sapphires, rimmed in yellow gold. The highly detailed feet form of 18K yellow gold and signed with monogram GD, *the body signed with monogram GD for Gerd Dreher, height 4 1/4 in*

\$1,500 - 2,000



168

168
CARNELIAN AGATE CARVING OF A DRAGON ON WOOD BASE

Carved of Brazilian agate, the present carving depicts the classic image of a Dragon and the Flaming Pearl. As with all such carvings, the artist has utilized natural variations in the original agate specimen to highlight certain areas in the design. Raised on a carved, custom-fitted wooden base. *Measuring 6 3/4 x 5 3/4 x 3 1/2in*

\$1,000 - 1,500



169

169^w

PETRIFIED WOOD SLAB

Madagascar

The petrification process begins deep underground. Under enormous pressure, the organic material is replaced with a quartz silicate over millions of years, whilst retaining the original cell structure of the wood. This specimen shows warm reds, ochres and varying shades of sepia which would suit many interiors. With complete bark texturing on all sides. Slabbed with greater thickness than one sees in most petrified wood, this one measures 2.5 cm thick. *Weighing 23.3 kg. Measuring 28 x 24 x 1 1/2 in*

\$2,000 - 3,000

170

TWO LARGE AGATE SLICES WITH "IRIS AGATE" CHATOYANCY

Brazil

Two cross-section slices cut from the same geode, having areas of quartz and other areas of banded agate, including a central area which displays the phenomenon of chatoyancy or cat's eye effect and also the feature known in the mineral hobby as "iris agate". When transmitted light strikes the agate from behind, it encounters the edges of the tiny bands. These bands disrupt the flow of light, and the rays of light take many separate paths through the thin bands of the agate. The bands act as a natural diffraction grating that diffracts the light and produces a display of spectral colors. Slices must be cut thin enough for this spectral phenomenon to be seen. Overall these are particularly large slices for this species. *Each slab measuring approximately 15 x 12 in*

\$700 - 1,000

Each offered on a custom-fitted wooden stand.

171

AGATE CARVING OF AN EAGLE AND BEAR

Carved from a single specimen of fine quality Brazilian grey to black agate, the black portions of the agate utilized to depict the black eagle looking at a black bear amidst rockery, with bas relief decoration of a carved branch. *Measuring 9 3/4 x 7 3/4 x 4 in (24 x 19 x 11cm)*

\$1,200 - 1,500

Offered on a custom-fitted carved wooden base.



170



171





173

172

AGATE COLLECTION CONSISTING OF 134 SPECIMENS

Brazil

This large collection, formed over several decades by an agate connoisseur, comprises slices and end pieces (caps) of geodes. The patterns seen show excellent examples of concentric banding and layering of sediments in hues of vermillion red, carnelian, grey, white and black. This is an excellent teaching collection or one which can simply be enjoyed by an amateur or more serious collector for its aesthetics. *Diameters range from approximately 2 inches to 6 inches.* (134 pieces)

\$3,000 - 5,000

173

TWO AMETHYST CARVINGS OF OWLS

Bolivia

Each carved from a large amethyst crystal depicting a different pose. The first, an owl emerging from the rough crystal; together with a second carving depicting an owl sitting on a branch, weighing approximately 8591 carats. Both with bright purple color and good transparency. *Measuring 6 1/2in x 5 x 4 1/4in and 7 x 6 x 5in*

\$2,000 - 3,000

174

AMETHYST SPHERE WITH GEODE CENTER

Brazil

Superb violet colored crystals line the interior of the vug formation at the center of this decorative sphere. Some individual amethyst crystals measure up to 1 1/4in along the edge. *Diameter 8in*

\$1,500 - 2,000



174



175

175^w

LARGE AMETHYST "CATHEDRAL"

Brazil

A mineral classic, this half amethyst geode has an aesthetically arched shape which has become known in the mineral hobby as a "cathedral". The cavity is fully lined with large crystals, within agatized borders. *Measuring 32 x 14 x 12in*

\$1,000 - 1,500

To be sold without reserve



176

176

GRAPE PURPLE AMETHYST

Uruguay

Faceted as a circular-cut brilliant, the present amethyst displays a vivid grape purple hue which is characteristic for amethysts from this locality. Both the luster and transparency are excellent. *Weighing approximately 52.40 carats and measuring 24.23 x 17.14 mm*

\$1,000 - 1,500

177

GROUP OF FACETED AMETHYSTS

Brazil

Comprising emerald-cut, oval and pear-shaped amethysts of rich violet color, the largest weighing approximately 6.2 carats. *Total weight approximately 600.0 carats. (lot)*

\$900 - 1,200

178

AMETHYST BEAD NECKLACE

A single strand necklace comprising large, faceted rondelle-form beads of rich violet-hued amethyst, *graduating in size from 17.49 mm to 12.40mm, length 17 1/2 in.*

\$1,200 - 1,500

179

TWO CITRINES

Brazil

Both faceted as oval-cuts, the larger one of golden yellow hue, *weighing approximately 88 carats and measuring 33.25 x 26.61 x 18.72mm*; together with a smaller oval-cut citrine of slightly more lemon yellow hue, *weighing approximately 13.78 carats and measuring 16.69 x 14.53 x 9.75mm. (2)*

\$700 - 1,000

To be sold without reserve

180

LARGE GROUP OF AMETHYST CABOCHONS

Brazil

Comprising oval and circular cabochons of rich violet hue, the largest weighing approximately 17.6 carats. *Total weight approximately 710 carats. (lot)*

\$1,000 - 1,500



177



178



179



180





181



182

181^w

AMETHYST GEODE SPLIT WITH CALCITE

Brazil

A complete geode split into two halves, which is lined with bright purple amethyst crystals of even color and which features a rare associate of a very large calcite crystal. While amethyst geodes are frequently seen, those which have secondary minerals associated are not very frequently seen in the market. With agatized borders. *Measuring 17 x 11 x 2 3/4 (43 x 27 x 6cm); length of calcite 7in (17cm)*

\$4,000 - 5,000

182

PAIR OF ROCK CRYSTAL AND AMETHYST LAMP BASES

Designed by William Sessoyeff

This highly decorative pair of lamp bases, were hand-fabricated from innumerable quartz and amethyst crystal points placed over a concealed base. Each raised on hand carved, gilded wooden base. *Measuring 33 1/2 x 10 3/4 x 10 3/4in (2)*

\$3,000 - 4,000

Offered with a pair of custom hand-fabricated silk shades.

William Sessoyeff has been designing custom lamps and shades for the Los Angeles interior design trade for over thirty years. These amethyst lamps were designed and created by Mr. Sessoyeff in 1992.



183

183
QUARTZ VAR. AMETHYST

Amatitlan, Guerrero, Mexico

A cluster of several large amethyst crystals, all having exemplary form, with well-defined terminations, lustrous faces and vibrant violet color. Such large matrix specimens are now difficult to find in today's market. *Measuring 7 x 6 1/4 x 5 1/2 in*

\$5,000 - 7,000

184
QUARTZ VAR. AMETHYST

Brandenburg, Namibia

A classic, well-formed single crystal, with excellent termination and hexagonal outline. The color graduates from slightly smoky at the top to vivid violet purple at the center. The crystal faces have a vitreous luster. *Measuring 4 3/4 x 1 1/4 x 1 in*

\$1,800 - 2,500

185^w
LONG AMETHYST GEODE--"THE TUNNEL"

Minas Gerais, Brazil

Geodes such as this large display specimen are formed in volcanic vugs (lava hardened around gas bubbles), which arose early in Earth's history. Over time, mineral-laden water seeping into the voids promoted the growth of the crystals which line the interior. A small, natural perforation at the far end of the specimen recalls the saying "to see the light at the end of the tunnel". *Measuring 23 1/4 x 18 1/2 x 15 in*

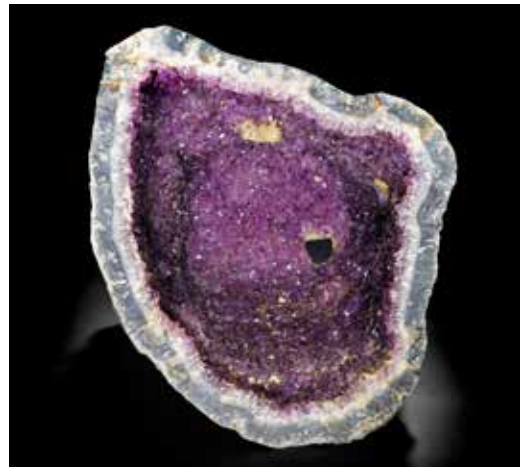
\$1,000 - 1,500
To be sold without reserve



184



185



185 (detail)



186

186^w

SPECTACULAR, AMETHYST GEODE SPLIT ON STAND

Minas Gerais, Brazil

Small amethyst geodes are frequently seen in the commercial mineral market, but rarity can be seen in this species as well as is evidenced by this spectacular split geode of prodigious proportions.

First identified in the 1600s, the term geode comes from French *géode*, which in turn, was derived from Latin and Greek word for “earth”. Geodes form when mineral-rich waters enter a cavity in a rock which then undergoes a sudden change in pressure or temperature, causing crystals to form from the solution which line the cavity’s walls. The present geode has been split into two in order to reveal the inward pointing violet purple crystals of amethyst lining the interior. Amethyst geodes are created over the millennia through the formation of gas cavities in lava tubes. The cavities then fill up with a liquid that contains small amounts of iron. Over time, this liquid forms crystals of amethyst. Crystals with a color that range from light lilac to deep purple are formed when there is a trace of iron in the liquid, resulting in amethyst geodes. The interior of this immense geode is entirely lined with very large, lustrous violet amethyst points measuring up to 3 inches (7cm) in height. *Overall dimensions of each half geode with stand: 50 1/2 x 32 1/2in x 13 1/2in. Dimensions of half geode: 36 3/4 x 31 3/4 x 9in. Weighing 127 kg*

\$12,000 - 15,000



187

187^w

LARGE CITRINE GEODE SPLIT

Brazil

This fine pair of citrine “cathedrals”, as they are known in the mineral hobby, are a split of a single tube. The interior cavity is lined with large, lustrous crystals of golden yellow hue. *Measuring 28 1/2 x 10 1/2 x 7 1/2in*

\$1,800 - 2,500



188

188

AMETRINE CARVING OF A FALCON ON STAND BY LUIS ALBERTO QUISPE APARICIO

The falcon, carved of Bolivian ametrine, with patches of both golden yellow and violet throughout, *weighing approximately 1300 carats (261 grams)*, with orange cabochon spessartite garnet eyes and gold vermeil feet. The bird’s perch carved from highly transparent rock crystal quartz, with an adornment of amethyst at the top, and gold vermeil borders and a black obsidian stepped base. *Height 11in*

\$5,000 - 7,000



189



190



191



192

189

LARGE GROUP OF FACETED AMETHYSTS

Brazil

Comprising oval, marquise, triangular, circular, emerald-cut faceted amethysts, the largest weighing approximately 8.85 carats. *Total weight approximately 550.0 carats.* (lot)

\$1,000 - 1,500

190

LARGE GROUP OF CARVED AMETHYST CABOCHONS

Brazil

Comprising oval and circular cabochons of rich violet hue, with incised decoration in the classic Indian style, the largest weighing approximately 24.6 carats. *Weighing approximately 790 carats.* (lot)

\$1,000 - 1,500

191

LARGE GROUP OF CABOCHON AMETHYSTS

Brazil

Comprising circular and oval cabochons, the largest weighing approximately 19.9 carats. *Total weight approximately 800 carats.* (lot)

\$1,000 - 1,500

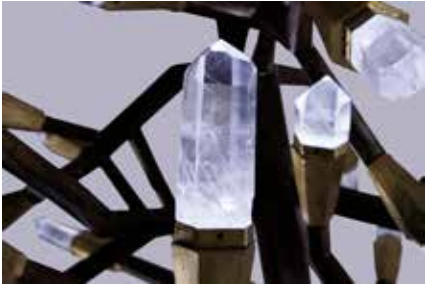
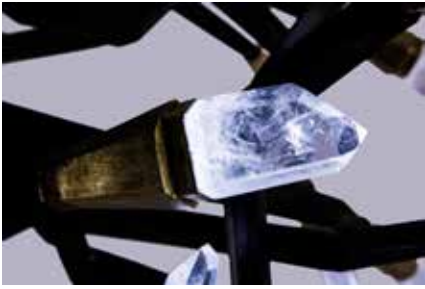
192

GROUP OF SIX QUARTZ CABOCHONS WITH SIX-RAYED RUTILITES CENTERING ON HEMATITE--"STARBURST QUARTZ"

Ibitiara, Bahia, Brazil

From a small mineral find in early 2004, these cabochons represent a fascinating mineral association—interpenetrating hematite and rutilites within quartz. The bright metallic luster of the hematite creates a visually arresting contrast against the golden rutile needles and the transparency of the quartz. Also known in the mineral hobby as "starburst quartz", each has an excellent, 6-rayed star centering on hematite, including three smaller cabochons: oval, *weighing approximately 17.5 carats*, pear-shaped, *weighing approximately 14.5 carats*, and circular cabochon, *weighing approximately 24.0 carats*; and three larger cabochons, including a free-form, *weighing approximately 73.5 carats*, circular, *weighing approximately 96.5 carats*; and pear-shape, *weighing approximately 68.0 carats*. *Total weight approximately 294.0 carats.* (6)

\$1,500 - 2,000



193^w

UNIQUE ROCK CRYSTAL QUARTZ AND BRONZE CHANDELIER BY LUIS ALBERTO QUISPE APARICIO

Entitled "Image of Life Itself", this unique contemporary light fixture was inspired by the designer's fascination with rock crystal. He states,

"the notion of light entering a crystal and being refracted at different angles served to remind me of a city full of translucent, naturally balanced skyscrapers. Some zones of rock crystal are so immaculate and completely transparent that the eye sees straight through them and seemingly on toward infinity. Others are "occupied", enclosing frost or fine filaments of mist whose undulations catch the eye. When I look at rock crystal, I tell myself that it is the very image of life itself, radiant with light in spite of some stormy passages. Rock crystal is colorless quartz with astonishing inclusions running through it and since the physical aspect of these inclusions is totally random, it goes without saying that no two crystals will ever be identical, even if they are sculpted in the same fashion. Each of them leads its own life and will reflect light in a different way just as every person is different and unique."

This unique "light sculpture" is composed of 57 rock crystal quartz points originating from Peru, Brazil and Madagascar on a bronze structure. Includes a voltage transformer which allows lamp to be used in 110V and 220V. *Height approximately 62 inches (1.6 meters)*

\$10,000 - 12,000



194

194
ROCK CRYSTAL QUARTZ CARVING OF A HORSE BY LUIS ALBERTO QUISPE APARICIO

Depicting a race horse in full gallop, the near-flawless, optically clear rock crystal quartz having an extremely high degree of transparency beneath the matte finish. The mane, tail and legs all adorned with gold vermeil. Raised on a Russian black obsidian polished base, bordered in gold vermeil.
Measuring 16 x 10 1/2 x 7 1/2 in

\$20,000 - 30,000



196

196
HERKIMER "DIAMOND" CLUSTER

Herkimer, Middle Hill, New York
 "Herkimer diamonds" are beautifully doubly-terminated quartz crystals already "faceted" by nature—they are so called because of their near "adamantine" luster. The bedrock in which the crystals are found began forming approximately half a billion years ago in a shallow Cambrian sea found just south of the ancient Adirondack Mountains. The present cabinet-sized specimen is a long string of at least 12 or more conjoined crystals with very good luster. *Measuring 5 1/2 x 3 x 2 in*

\$2,000 - 3,000



195

195
TOURMALINATED ROCK CRYSTAL QUARTZ SPHERE

Brazil
 Although quartz is frequently seen with a variety of associated minerals or inclusions, it is not as frequently seen with tourmaline inclusions. The present specimen is a large decorative, polished rock crystal quartz sphere of moderate transparency, with elongated back tourmaline crystals throughout. *Diameter 6 in*

\$2,000 - 3,000



197

197
ROCK CRYSTAL COCKATOO COUPLE ON EMERALD BASE BY PETER MUELLER

Brazil
 The birds, carved of high-quality rock crystal quartz with good transparency, with inset multi-color tourmaline beaks, cabochon rubellite eyes and amethyst comb. The gold vermeil feet perched upon an emerald in black schist matrix base from Bahia, Brazil having crystals which measure up to 3 1/2 inches in length. Raised on a polished rock crystal quartz plinth base. *Measuring 15 x 8 x 5 1/4 in*

\$7,000 - 9,000

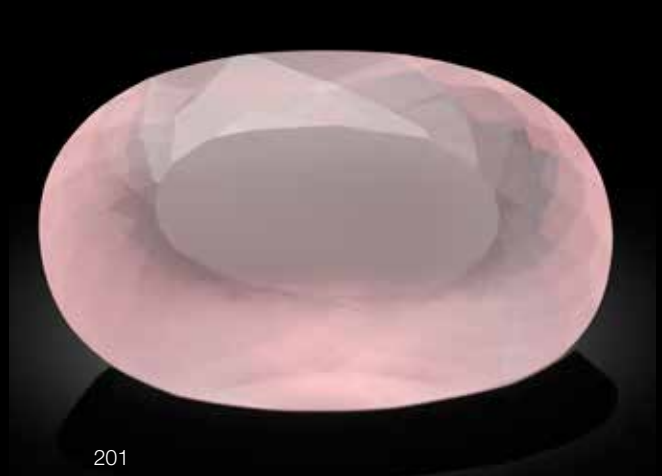


198

198
ROCK CRYSTAL QUARTZ CARVING OF A WOLF ON BLACK TOURMALINE BY PETER MUELLER

Brazil
 Realistically carved to depict a howling wolf, rendered of highly transparent rock crystal quartz standing atop a large specimen of black tourmaline (schorl) having a large cluster of associated clevelandite crystals. *Measuring 8 x 7 x 5 in*

\$3,000 - 4,000



199^w

VERY LARGE AND RARE STAR ROSE QUARTZ SPHERE

Madagascar

The phenomenon of asterism rarely appears in rose quartz. This particular sphere possesses a deep rose color, great translucency and a very fine example of a six-rayed star effect. While asterism can occasionally be seen in cabochons measuring a few millimeters across, the present sphere is the largest we have seen available in the market. *Diameter 9in*

\$3,000 - 5,000

200

LARGE STAR ROSE QUARTZ--"A MEMBER OF THE 100 CARATS CLUB"

A cabinet display specimen, this large oval cabochon with well-polished dome and matte finish to the underside displays a six-rayed star at its apex, has a delicate pastel pink hue and excellent translucency. *Weighing approximately 512.5 carats and measuring 57.0 x 37.0 x 32.0mm mm*

\$1,000 - 1,500

201

LARGE ROSE QUARTZ

Faceted as a large oval mixed-cut, this is a highly translucent example of rose quartz with excellent luster which would be suitable for use as a cabinet specimen. *Weighing approximately 264.05 carats and measuring 53.0 x 41.0 x 21.12mm*

\$800 - 1,200



202



203

202^w
**ROSE QUARTZ COCKATOO ON RUTILATED QUARTZ BASE BY
 PETER MUELLER**

Brazil
 Realistically carved with texturing to the feathers, the large bird formed from translucent hot pink rose quartz, with inset cabochon rubellite tourmaline eyes and carved beak, gold vermeil feet, resting upon a rutilated smoky quartz base, atop a black lucite slab. *Height 17in*

\$12,000 - 15,000

203
ROSE QUARTZ ROUGH AND CUT

Brazil
 Comprising a small cabinet specimen of crystallized rose quartz, nearly a floater with little point of attachment, *height 1 3/4 in*; together with a pear-shaped, checkerboard faceted rose quartz of baby pink hue, *weighing approximately 14.63 carats and measuring 19.0 x 12.5 x 10.0mm (2)*

\$1,000 - 1,500



204



205



206

204
**RHODOCHROSITE CARVING OF TWO HUMMINGBIRDS BY
 PETER MUELLER**

Brazil

Each hummingbird carved from fine translucent rhodochrosite of strawberry red hue, with inset carnelian agate beaks and cabochon rubellite tourmaline eyes, with gold vermeil feet perched on a base of green tourmaline in matrix from Brazil, raised on a square polished rock crystal quartz base. *Height 7 in*

\$1,800 - 2,200

205
RHODOCHROSITE

Argentina

This is an exceptionally large specimen of rhodochrosite having one polished section and the remainder still retaining the natural boulder surfaces. *Measuring 14 x 10 x 9in*

\$1,500 - 2,000

To be sold without reserve

206
**RUBY CARVING OF A HUMMINGBRID ON PINK OPAL FLOWER
 BY LUIS ALBERTO QUISPE APARICIO**

A hummingbird, carved entirely of ruby from Tanzania, with cabochon ruby eye, gold vermeil beak and fee, removable from the composition as his beak can be inserted and removed from one of the rose buds. The eleven rose buds are carved of baby pink Peruvian opal, on a textured gold vermeil stem. The base is a polished slab of fine labradorite with intense sheen. *Measuring 8 x 5 1/2 x 4 1/2in*

\$1,800 - 2,500



207

RUBY AND OBSIDIAN CARVING BY LUIS ALBERTO QUISPE APARICIO

A substantial and impressive sculpture depicting the “Buddha of Wealth” who is believed to bring prosperity to a home or business. He is also known as the “Laughing Buddha” who was a Buddhist Zen monk who lived in China over a thousand years ago and was known as *Queci*. Unlike other monks, he was a jolly fellow who laughed whole heartily and reminded everyone to enjoy life and stay happy. Seen here in a seated position, his torso is carved of rich red ruby from Tanzania, and draped in robes of gold vermeil. He rests upon a circular base carved of black obsidian with a coin motif decorated border. *Measuring 13 x 10 1/4 x 8 3/4in (33 x 26 x 22 cm)*

\$10,000 - 15,000



208

RUBY

Pamir Mountains, Tajikistan

This oval, brilliant-cut natural red ruby displays good clarity for the species. The high degree of luster shows off the stone to its best advantage. *Weighing approximately 2.23 carats and measuring 8.97 x 7.00 x 4.41mm*

\$1,500 - 2,000

Accompanied by a Gemological Institute of America report number 1177798411 dated July 24, 2014 stating that the 2.23 carats oval ruby originates from Tajikistan and that it shows no indications of heating.

209

PAIR OF STAR RUBIES

India

Deep purplish red in color, both of these oval cabochon rubies have a strong, central asterism and are well matched for color. *Total weight approximately 71.1 carats and measuring 20.5 x 16.9 x 8.9 and 20.43 x 16.50 x 9.65mm*

\$1,000 - 1,500

210

DOUBLE-SIDED MULTI-STAR RUBY

Madagascar

Of large size for the species, this oval cabochon ruby has a high dome, rich purplish red color and a smooth polish to the dome as well as the reverse (underside) allowing it to be mounted as a double-sided pendant. The asterism is visible on the face as well as the reverse side, which is a very novel feature, not typically seen in most stones. *Weighing approximately 48.82 carats and measuring 21.73 x 18.88 x 10.10mm*

\$1,500 - 2,000

211

FACETED RUBY BEAD NECKLACE

Designed to be worn as a bib necklace, comprising 8 stands of ruby beads from East Africa, graduating in size from 5.5mm to 10.3mm at the center, each designed as an oval-cut and drilled to one side. Completed with a cord closure, adjustable. *Total weight approximately 400 carats, length of shortest strand 17 in.*

\$2,500 - 3,500

212

SUITE OF FIVE UNUSUAL RUBY CABOCHONS

Mogok, Burma

Suitable for mounting as a pair of earrings and pendant: comprising 2 heart-shaped cabochons, 2 pear-shaped cabochons and 1 larger pear-shaped cabochon. The ruby showing the beautiful hexagonal outline of the crystal growth structure in the white corundum matrix. *Total weight approximately 49.61 carats, height of larger pear-shape 28.3mm.*

\$1,500 - 2,000

213

SUGARLOAF CABOCHON RUBY

Battakundi, Pakistan

This sizeable, attractive sugarloaf cabochon natural ruby displays an attractive, unenhanced purplish-red color. *Weighing approximately 5.47 carats and measuring 12.01 x 8.52 x 5.14mm*

\$2,000 - 3,000

To be sold without reserve

Accompanied by a Gemological Institute of America report number 6225760953 dated May 27, 2016 stating that the 5.47 carats oval sugarloaf double cabochon ruby is natural and shows no indications of heating.

214

RUBY CABOCHON

East Africa

Large for the species, the present oval cabochon is notable not only for its size but also its translucency and rich purplish red color. *Weighing approximately 25.60 carats and measuring 19.32 x 4.34 x 9.35mm*

\$6,000 - 8,000

Accompanied by a Gemological Institute of America report number 214115614 dated December 6, 2011 stating that the 25.60 carats ruby cabochon is natural and that it shows no indications of heating.

215

RUBY

Burma

A large oval-cut ruby with excellent face up proportions, giving the appearance of a larger stone. The rich red color is characteristic of rubies from this old, sought-after mining locality. *Weighing approximately 6.58 carats and measuring 15.30 x 10.27 x 4.12mm*

\$6,000 - 8,000

Accompanied by a GRS (Gem research Swisslab) report numbered GRS2009-121392 dated December 12, 2009 stating that the 6.58 carats ruby is natural and that it shows no indications of heat treatment and that it originates from Burma.



209



210



211



212



213



214



215



216

216

STAR RUBY

Burma

An attractive oval cabochon red ruby which displays excellent asterism in the form of a six-rayed star which is strong and central. *Weighing approximately 3.06 carats and measuring 9.93 x 7.71 x 3.99mm*

\$3,500 - 4,500



217

217

RUBY CRYSTAL

John Saul Mine, Longido, Tanzania

The first gemstone deposits found in East Africa were in Longido, Tanzania. Their production was generally small or of poor quality gems. However, a fantastic mid-1970s discovery of chromium-rich rock yielded not only some wonderful green tourmalines but some wonderful rubies, also colored by chromium, which required no enhancement. The color of these stones was splendid and their quality put East Africa on the map of gem-producing countries—right up there with Burma and Sri Lanka. Indeed some of the rubies from the mine were of such a fine distinctive shade of ruby-red which would later become a standard of quality. To cutters around the world the expression “johnsaul” simply grew to mean “very fine red” when it came to describing rubies. It is said that Van Cleef and Arpels bought a very large portion of the production of this mine at the time.

The present offering is a large, well-formed hexagonal ruby crystal which is doubly-terminated. This is a fine textbook example of a classic ruby crystal for the knowledgeable collector. *Measuring 1 3/8 x 7/8 x 6/8 in*

\$2,500 - 3,500



218

218

VERY FINE RUBY

Burma

A classic oval-cut stone of well-saturated color, exhibiting the most desirable shade of red as well as excellent transparency and luster.

Weighing approximately 1.98 carats and measuring 7.9 x 7.04 x 3.78mm mm

\$18,000 - 20,000

Accompanied by an American Gemological Laboratories report numbered CS 1077591 dated August 25, 2016 stating that the 1.98 carats ruby is Classic Burma (Myanmar) and that it shows no gemological evidence of heat treatment.



219



220



221

**219
RUBY-IN ZOISITE AND OBSIDIAN
CARVING OF A CACTUS AND COYOTE
BY EBERHARDT BANK**

Idar-Oberstein, Germany

Evoking the landscapes of the desert South West is this carving of a howling coyote and Saguaro cactus. The coyote's brown fur is rendered in natural brown obsidian while the Saguaro cactus is imaginatively formed from a single intact piece of ruby-in-zoisite. The artist has positioned the rough in such a way that the ruby portion of the mineral forms the cactus flower blossoms. The stamens of the flowers are decorated with 18K gold accents. The coyote walks across a base of dolomite above a polished black marble slab base, with monogram gold mark EB for Eberhard Bank. Length 16in

\$5,000 - 7,000

**220
GEMSTONE CARVING OF A
WOODPECKER BY EBERHARDT BANK**

Idar-Oberstein, Germany

The realistically depicted woodpecker carved from green zoisite with flecks of ruby, the head carved of red jasper and the long beak of brown agate. The silver feet rest upon a petrified wood branch, with two chalcedony formations serving to imitate "fungus" or mushrooms, on a base made of Australian chrysoprase. Measuring 6 1/4 x 5 1/2 x 3 1/2 in

\$2,000 - 3,000

**221
LARGE PURPLISH PINK SAPPHIRE**

Sri Lanka

A large sapphire of over six carats, having an attractive, unenhanced purplish-pink hue. The excellent luster brings brightness to the stone which has been faceted in a traditional cushion-cut. Weighing approximately 6.06 carats measuring 11.62 x 8.82 x 6.38 mm

\$6,000 - 8,000

Accompanied by a Gemological Institute of America report no. 1166301779 dated July 7, 2015 stating that the sapphire is natural and without heat treatment.



Actual Size



222

222

CLASSIC BLUE SAPPHIRE

Sri Lanka

This desirable, large sapphire that displays a bright, lively and classic cornflower blue color for which stones from this locality are coveted. Of large size for the species at over 15 carats. *Weighing approximately 15.20 carats and measuring 15.95 x 12.28 x 9.84 mm*

\$70,000 - 80,000

Accompanied by a Deutsche Stiftung Edelsteinforschung (DSEF) German Foundation for Gemstone Research, Idar-Oberstein, Germany gemstone report number 024709 dated July 30, 2015 stating that the transparent 15.20 carats sapphire is natural and that it shows no indications of heating and that it originates from Sri Lanka.



223

223

TRAPICHE SAPPHIRE SPLIT CRYSTAL

Myanmar (Burma)

Trapiche sapphires are another kind of “star sapphire”. In this case the “star” is not a true chatoyancy but rather a special “color zoning” inside the crystal. Such stones are very rare but are known in Burma. Like the star sapphire, the *trapiche* crystal’s hexagonal nature is made evident by the six-rayed pattern that appears on every well-cut cabochon. This interesting offering features a corundum (sapphire) crystal which has been split into two (although not consecutive sections). The crystal displays the rare phenomenon of *trapiche* effect and is rich blue in color with a six-rayed spoke. *Weighing 34.87 and measuring 20.01 x 17.68 x 9.36mm and weighing 86.04 carats and measuring 29.24 x 24.68 x 15.05mm (2)*



224

\$3,500 - 4,500

224

VIOLETISH-BLUE SAPPHIRE

Sri Lanka

A pretty, oval brilliant-cut of violetish blue, with very good transparency and excellent luster. Of large size for the species. *Weighing approximately 8.85 carats and measuring 13.79 x 11.80 x 6.92mm*

\$6,000 - 8,000

Accompanied by a Gemological Institute of America report number 6157375951 dated April 22, 2013 stating that the 8.85 carats sapphire is natural with indications of heating.



225

225

SAPPHIRE

Sri Lanka

An attractive circular brilliant-cut sapphire having good saturation of color and luster. Of suitable size for mounting as a ring or pendant.

Weighing approximately 6.04 carats and measuring 10.23 x 7.04mm

\$7,000 - 9,000

Accompanied by a Gemological Institute of America report number 2175773742 dated August 15, 2016 stating that the 6.04 sapphire is heat treated.



226

SUITE OF THIRTEEN BLUE SAPPHIRES

Burma

Suitable for mounting as a necklace, comprising thirteen oval cabochon sapphires well-matched for their rich blue, unenhanced color and degree of transparency. *Total weight approximately 193.0 carats. Largest sapphire cabochon weighs 18.9 carats and measuring 19.24 x 14.14 x 6.26mm (13)*

\$15,000 - 20,000



227

GREENISH BLUE SAPPHIRE

An unenhanced, natural greenish blue sapphire faceted as a pear-shape displaying excellent clarity and luster. *Weighing approximately 4.65 carats and measuring 14.21 x 9.61 x 4.53mm*

\$2,000 - 3,000

Accompanied by an American Gemological Laboratories gemstone brief number GB 59763 dated MArch 24, 2014 stating that the 4.65 carats sapphire is natural greenish blue and that it shows no gemological evidence of heat treatment.

228

LIGHT BLUE STAR SAPPHIRE

Sri Lanka

A large oval cabochon sapphire of pastel blue color which shows a strong central star effect and moderate transparency. *Weighing approximately 32.50 carats and measuring 17.57 x 15.17 x 10.56mm*

\$3,000 - 4,000

229

LAVENDAR STAR SAPPHIRE

Sri Lanka

A circular cabochon lavender star sapphire, which displays a strong and central star and a well-saturated body color. *Weighing approximately 5.66 carats and measuring 9.73 x 8.99 x 5.72mm*

\$1,500 - 2,000

230

STAR SAPPHIRE

Sri Lanka

A classic for the region, this oval cabochon blue sapphire displays the optical phenomenon of asterism. The star effect is both strong and central in this stone which has a medium blue body color. *Weighing 6.84 carats and measuring 11.28 x 8.09 x 6.27mm*

\$1,200 - 1,500

231

BLACK STAR SAPPHIRE

Thailand

Suitable for mounting either as a ring or pendant, this large oval cabochon displays a midnight black color, good cat's eye and excellent polish. *Weighing approximately 96.45 carats and measuring 29.31 x 22.8 x 12.77mm*

\$1,000 - 1,500



Actual Size



232

RARE, LARGE YELLOW STAR SAPPHIRE

Sri Lanka

The alluvial gem gravels of Sri Lanka were the source of this rare, large oval cabochon, a high-domed yellow sapphire which displays a strong central star effect and a medium yellow hue. The optical phenomenon of asterism is very rarely seen in yellow sapphires and particularly not in stones of this size. This is a unique offering for the serious collector of phenomenal gemstones (those gemstones which possess optical phenomena). *Weighing approximately 75.43 carats and measuring 22.62 x 19.74 x 16.19mm mm*

\$60,000 - 80,000

Accompanied by an American Gemological Laboratories report number CS51835 dated October 1, 2012 stating that the 75.43 carats yellow star sapphire originates from Sri Lanka and that the strength of the star is strong and the quality of the star is very good. Non-heated yellow sapphires are scarce and this sapphire shows no indication of heat-treatment.



233



234

233
NATURAL YELLOW SAPPHIRE

Sri Lanka

A classic sapphire from the gem gravels of Sri Lanka, this oval-cut stone has the most desirable shade of yellow without any aspect of brown overtones. A high degree of clarity and excellent brilliance render this is a sought-after stone and its large size recommends it as well. This is an excellent offering for the knowledgeable collector. *Weighing approximately 27.72 carats and measuring 18.60 x 15.06 x 11.52mm*

\$19,000 - 22,000

Accompanied by an American Gemological Laboratory report no. CS 66036 dated February 20, 2015 stating that the 27.72 carats intense yellow sapphire is natural and unheated.

N.B. The AGL report shows the sapphire in its original diamond setting. This setting is not included in this offering.

234
YELLOW SCAPOLITE

Tanzania

Scapolite, coming from the Greek word for "shaft", is commonly found in stubby to long prismatic crystals, hence the derivation of its name. It forms in metamorphic rocks from the alteration of plagioclase feldspars. Not well known among the general public as a gemstone it is, nonetheless, a desirable stone for collectors. Its luster is superb and with a Mohs hardness of 6.5 it would be of sufficient durability to be mounted as a pendant. A beautiful and lustrous, large oval-cut scapolite with excellent clarity, having stepped facets to both the crown and pavilion which assist in making the stone more scintillating. *Weighing approximately 20.76 carats and measuring 21.9 x 14.4 x 10.70mm*

\$1,000 - 1,500
To be sold without reserve



235

235^w

LARGE SEPTARIAN BOWL

Madagascar

This functional and attractive bowl of free-form outline, measuring 20 inches across, displays generous proportions. The calcite which, when illuminated from behind, displays a good degree of translucency and presents a dramatic contrast against the brown hues. While the source of the mineral rough was Madagascar this bowl was hand carved and polished in Mexico. Mexico has in recent years become a high level artisanal lapidary resource known for its bowl carving. The thinness of the sides of this bowl are evidence of the expertise of the craftsmen located there. *Measuring 20 x 19 x 8in*

\$1,000 - 1,500

236

SODALITE CARVING OF MALE FIGURE ON OBSIDIAN BASE BY TAMARA MONTGOMERY

A table top-sized torso, carved entirely of Brazilian sodalite, depicting a nude male figure, *signed Mara M. for Tamara Montgomery*. On a removable black obsidian base. *Height overall: 13 1/2 in*

\$3,000 - 4,000



236



237



238



239



240



241

237

GROUP OF SIX REDDISH SPINELS

Comprising three oval-cuts, two cushion-shapes and one emerald cut, the largest spinel, weighing approximately 6.9 carats and measuring 12.7 x 8.8 x 6.0mm. The total aggregate weight approximately 28.56 carats. (6)

\$1,500 - 2,500

To be sold without reserve

238

BLUE SPINEL RING

Sri Lanka

The simple 14K yellow gold ring mount prong-set with an attractive oval-cut, unenhanced natural blue spinel, weighing approximately 2.2 carats, having excellent luster, stamped .585 and maker's mark EK, size 7.

\$1,000 - 1,500

Accompanied by a Gemmological Certification Services London report numbered 5776-3137 dated September 30, 2015 stating that the blue spinel is natural with no indication of heating.

239

BLUE SPINEL

A cushion-shaped natural spinel of medium blue having excellent brightness and clarity as well as luster. Weighing approximately 2.87 carats and measuring 7.8 x 7.31 x 6.23mm

\$1,000 - 1,500

Accompanied by a Gemological Consultancy International report number 1503SNB0027 dated March 17, 2015 stating that the 2.87 carats spinel is natural.

240

LAVENDER SPINEL

Sri Lanka

Vibrant lavender in hue, this pretty spinel has fine luster and is of suitable size for mounting as a ring. Weighing approximately 4.49 carats and measuring 10.0 x 8.3 x 5.9mm

\$1,200 - 1,800

To be sold without reserve

241

COLOR-SHIFT BLUE SPINEL

An oval-cut blue spinel which has a color shift to teal depending upon the light source. With excellent luster and clarity this is a fine, ring-sized stone. Weighing approximately 3.99 carats 10.44 x 9.0 x 5.8mm

\$1,200 - 1,500

To be sold without reserve



242

242

PINK SPINEL

Tajikistan

This is a gem example of a spinel with a noteworthy pink color that is pure and unmasked by any brown. Both the clarity and the luster are excellent. A fine, ring-sized stone for the knowledgeable collector. *Weighing approximately 4.79 carats and measuring 11.0 x 9.9 x 5.82mm*

\$8,000 - 10,000

243

VERY FINE, CLASSIC RED SPINEL

Burma

For centuries spinel was misidentified as ruby, e.g. Edward the Black Prince's "Ruby" in the British Crown jewels is, in fact, a magnificent red spinel. With gemological advances this confusion has now ceased and the gemstone has since emerged as a highly desirable stone in its own right. The rich red color of the present gem-quality stone illustrates how that original gemological confusion could have taken place. The color of the present example is exemplary: it is neither too dark nor too light. From the sought-after locality of Burma, this classic spinel has been faceted as a cushion-shape stone to best reveal its outstanding attributes: a deep red color with excellent clarity and luster. *Weighing approximately 4.14 carats and measuring 10.30 x 9.20 x 5.9mm*

\$17,000 - 20,000



243



244

244

CLASSIC SPINEL CRYSTAL

Mogok, Burma

A classic spinel crystal of bi-pyramidal form and large size for the species, having good transparency and luster and a rich, raspberry red color. *Weighing approximately 10.37 carats and measuring 13.32 x 9.60 x 11.93mm*

\$2,000 - 3,000



245



248

246
**SPODUMENE VAR. BI-COLOR KUNZITE-
-“A MEMBER OF THE 100 CARATS
CLUB”**

Afghanistan
A large kunzite having light pink color to the center with yellow at each end. The clarity, luster and polish are all excellent for this species. *Weighing approximately 227.73 carat and measuring 52.34 x 23.11 x 20.92mm mm*

\$3,000 - 4,000

247
PAIR OF CALIFORNIA KUNZITES

Big Kahuna II Zone, Ocean View Mine, Pala District, San Diego County, California
Kunzite was first found in Pala, California, in 1902, and is named after the gemologist George F. Kunz, President of Tiffany & Co. at the time. Originating from the last working mine in San Diego County, these beautifully faceted gems have a vivid lilac hue unmasked by any grey. Cut from the same rough, this beautiful pair of cushion-shaped kunzites is exemplary for stones originating from this limited deposit. An excellent choice for the collector of American gemstones. *Total weight approximately 44.48 carats and measuring 16.88 x 15.84 x 11.34mm and 16.0 x 15.86 x 11.33mm (2)*

\$5,500 - 7,500



246



249

248
FIBROUS SUGILITE

South Africa
Obtained from a find in 2014, this was a single pocket discovery of a rare form of fibrous sugilite on matrix. The present piece has a thick growth of mounds of chatoyant sugilite. Capable of standing on its own, this cabinet sized specimen is a rare double-sided example of “fibrous” sugilite exhibiting robust crystals both sides on brown matrix. *Measuring 2 1/2 x 2 x 1in*

\$1,500 - 2,000



247

245
LARGE SPHALERITE
Picos de Europa, Santander, Spain
From a very small mine, now closed for at least twenty years, comes this superb and rare faceted sphalerite. Sphalerite, a zinc iron sulfide, is usually found in black and very rarely in the rich orange color seen here—and it is rarely seen cut into a gemstone. The luster of sphalerite is its strongest attribute, i.e. it is adamantine, with a high refractive index and brilliance greater than diamonds. Vivid yellow with orange flashes abound in this beautiful oval-cut sphalerite, a large one for the species, which originates from the classic source in Spain. *Weighing approximately 53.40 carats and measuring 24.79 x 20.40 x 14.59mm*

\$1,500 - 2,000

249
GEL SUGILITE CARVING OF A TIGER

South Africa
Of vivid purple color contrasting dramatically against the black matrix. This *bas relief* carving which depicts a tiger amidst shrubbery has great translucency or “candle” to the edges, Sugilite is infrequently seen used as a carving material. *Measuring 4 1/4 x 2 x 1 3/4in*

\$1,500 - 2,000



Actual Size



250

RARE CAT'S EYE TANZANITE

Arusha, Tanzania

Tanzanite is a variety of the mineral zoisite which displays a predominantly blue to violet body-color. Microscopic tube-like inclusions are the cause of the chatoyancy seen in this gemstone. High quality tanzanite is known to originate from only one significant deposit in Merelani, Tanzania. The present oval double cabochon, of rich violet hue displays a strong, central chatoyancy. It is a notable offering for the serious collector of phenomenal gems. To our knowledge this is the first offering of a cat's eye tanzanite at public auction. *Weighing approximately 19.38 carats and measuring 16.63 x 13.92 x 9.63 mm*

\$25,000 - 35,000

Accompanied by a Gemological Institute of America report number 6177822357 dated September 19, 2016 stating that the 19.38 carats cabochon is a Zoisite, variety Cat's-eye Tanzanite and that displays no evidence of heat treatment.

Accompanied by a "Notable Letter" from the Gemological Institute of America dated 19 September 2016 stating that "rough material that will cut large high quality tanzanite is rare, with most finished stones being less than 10 carats. Fine, gem-quality examples of more than ten carats and also displaying a cat's eye phenomenon are considered scarce. The combination of large size, saturated color and the cat's eye phenomenon make this tanzanite notable."



251

251

TANZANITE

Arusha, Tanzania

A superb, circular-cut gem of rich, well-saturated violet hue, with flashes of blue, having excellent clarity and luster. This is an exceptional tanzanite for the serious collector and a classic due to its desirable circular shape. *Weighing approximately 26.44 carats and measuring 17.31 x 12.9mm*

\$5,000 - 7,000



252

252

ZOISITE VAR. TANZANITE

Merelani, Tanzania

A cabinet specimen, this is a medium-sized, natural crystal of tanzanite having a smaller conjoined crystal to the front as well as a well-formed termination and striated faces. Tanzanites are naturally tri-chroic and this specimen shows blue on one axis, violet on another and greyish-blue to a third. *Measuring 1 3/4 x 1 1/8 x 1/2in*

\$4,500 - 6,500

Offered on a lucite base.

253

**EXCEPTIONAL, LARGE TANZANITE
CRYSTAL**

Zoisite var. Tanzanite

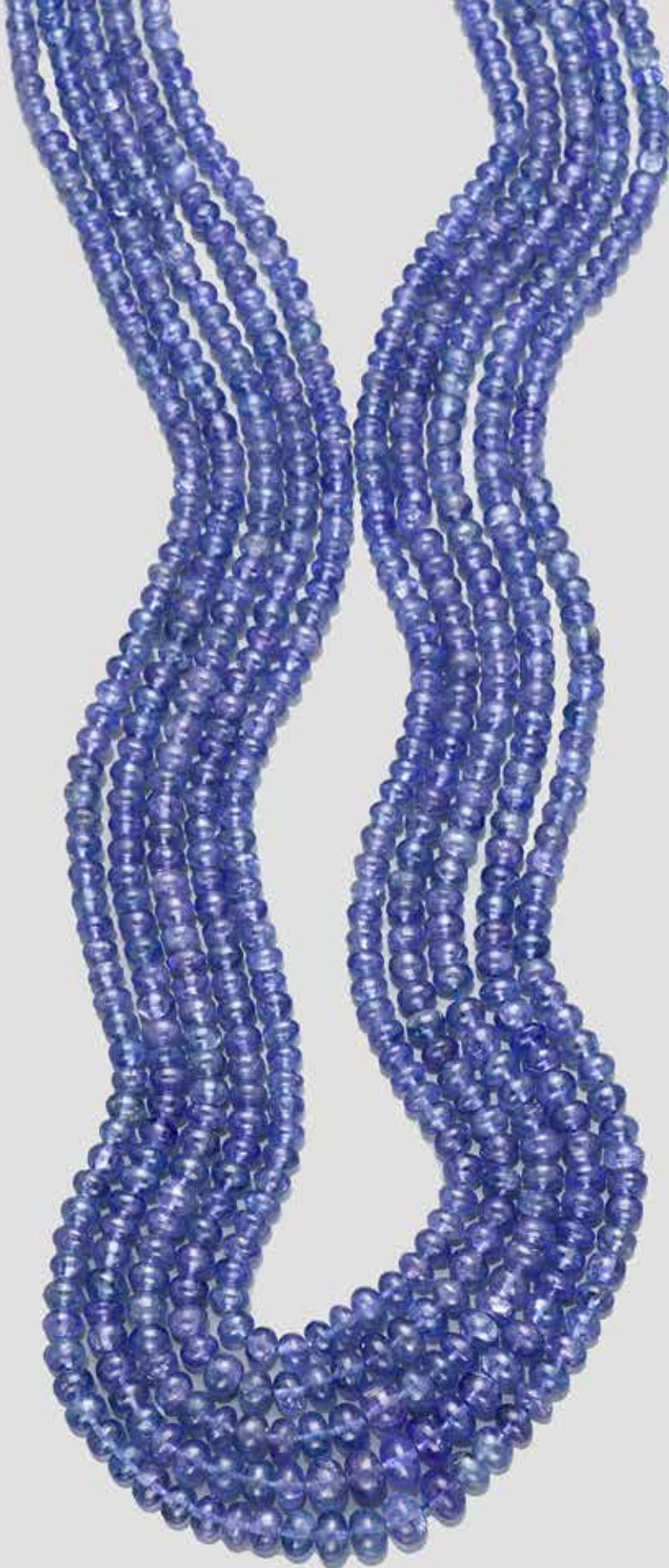
*Merelani Hills, Lelaterma Mountains, Simanjiro
District, Manyara Region, Tanzania*

A beautiful and well-formed large crystal specimen of tanzanite, the blue/violet variety of the mineral zoisite. This complexly terminated crystal exhibits rich color, excellent translucency, glassy surface luster, and an incredible length of 7.2 inches. Very few large Tanzanite mineral specimens make their way into the collector market, as the majority of Tanzanite crystals recovered are cut into the immensely popular and valuable faceted gemstones. This uncut tanzanite crystal ranks among the largest in existence.

Measuring 7.2 x 2.4 x 1.2 inches (18.3 x 6.2 x 3.0 cm). Weighing 4,015 carats.

\$200,000 - 300,000





254

TANZANITE BEAD NECKLACE

Tanzania

Comprising five strands of rondelle-form polished beads of transparent violet-hued tanzanite, *graduating in size from 4.9mm to 9.18 mm*, having moderate saturation and clarity for the species. *Total weight approximately 750 carats. Length of shortest strand: 19 in*

\$1,000 - 1,500

To be sold without reserve



255

255

ZOISITE VAR. GREEN TANZANITE

Arusha, Tanzania

A new palette of colors have emerged for tanzanites in recent years and the present example is a fine a representation of this species as one could hope to find. Uniquely faceted as a circular-cut which assists in displaying the gem's very high transparency, this is a particularly wearable and lustrous stone of fine quality which is vivid green in color on the face and bluish-purple from the side axis. *Weighing approximately 5.21 carats and measuring 10.16 x 7.43mm*

\$7,000 - 9,000

256

FANCY TANZANITE

Arusha, Tanzania

Vivid electric, purlish-pink in color, this tanzanite is a fine example of the new palette of tanzanites which have emerged in recent years. Faceted as a cushion-cut--this fine stone is a new modern classic. *Weighing approximately 2.47 carats and measuring 8.30 x 8.12 x 5.04mm*

\$6,000 - 8,000

257

TIGER'S EYE QUARTZ INTARSIA BOX

A decorative presentation box, hand-fabricated of panels of fine quality tiger's eye quartz from South Africa. Expertly fitted with a brass piano hinge and and borders of onyx with velvet lining to the lid and interior. The seams of the box are beautifully matched at the edges. *Measuring 6 x 4 x 1 3/4in*

\$1,500 - 2,000

To be sold without reserve

258

TIGER IRON MATRIX SPHERE

Western Australia

Tiger's eye matrix is a fascinating "combination" mineral whose origins date back over two billion years ago. When tectonic plates shifted to form the Australian continent, deposits of red jasper, chatoyant tiger's eye and black hematite were forced together under great pressure. The ancient ornamental gemstone, sometimes called tiger's eye matrix, is the fascinating product of these monumental geologic events. Because the physical properties of each of the three minerals differ so greatly, only an experienced lapidary has the ability to work this material. The tiger iron used in the present lot is of exceptional quality, displaying flashing veins of golden-toned tiger's eye, red jasper of a saturated rust-red hue and metallic black hematite. *Diameter 6 3/4in*

\$1,500 - 2,000



256



257



258



259^w

**“GEMSTONES FROM AROUND THE WORLD TEA SERVICE” BY
LUIS ALBERTO QUISPE APARICIO**

A unique, yet functional tea service, this is the artist's tribute to nature: a work of gratitude for the eternal beauty carried in each stone. The centerpiece is a teapot, carved in tiger's eye, with gold vermeil mounts perched atop a platform of rock crystal quartz. Each of the 8 cups is carved from a different precious stone originating from a different continent (with the exception of Antarctica). The sources of the stones are as follows: lapis lazuli, from the Kokcha Valley in Afghanistan; nephrite from the Polar Jade mine in British Columbia--an area with such extreme weather conditions that miners only have 60 days in a year to operate the mine. Ruby from the Longido mine in Tanzania, near Mount Kilimanjaro--the most famous ruby deposit in the world which was sought by men for centuries and very is very possibly the famous long lost ruby mine of King Solomon. Also featured are: Rock Crystal from Swiss alps; Chrysocolla from Whim Creek Copper mine in Western Australia; Chalcedony from The Democratic Republic of Congo; Tiger's eye and Falcon's eye from South Africa; and Turquoise from The Hubei mine in China. They each rest upon a massive Peruvian rock crystal quartz specimen. This is an exceptional offering for the impassioned lapidary collector. *Measuring 24 x 24 x 10in*

\$25,000 - 35,000



260



261



262



263

260
LIMONITE IN TOPAZ--"A MEMBER OF THE 100 CARATS CLUB"

Burma

In the Summer of 1987, The Gemological Institute of America (GIA) published an article in their journal that discussed the difference between rutilated topaz and limonated topaz. The needle-like inclusions in so-called "rutilated topaz" are actually limonite staining that fills hollow tubes in the topaz. In fact rutile is not known to crystallize at all in topaz in a ribbon-like form that would produce effects similar to those in rutile quartz. Limonite is quite a different mineral from rutile. Rutile is titanium dioxide and has an exceptionally high refractive index, much higher than diamond. Limonite is actually not itself a true mineral, rather it is a combination of iron oxide minerals such as goethite and lepidocrocite. Typically yellow-brown in color, limonite is used as the basis for the natural earth pigment ochre. Thus the name "rutilated topaz" is a misnomer, clearly derived from the better-known "rutilated quartz". One can only surmise that the name persists because its true name of "Limonite-stained Topaz" would have greater difficulty in gaining public acceptance. The present stone is a rare near-colorless topaz, polished into a large double cabochon of lenticular form. Large areas of the topaz have nearly optically clear transparency and the inclusions of limonite stand out in high relief against the topaz. *Weighing approximately 104.45 carats and measuring 32.24 x 10.25mm*

\$10,000 - 15,000

261
HEART-SHAPED BLUE TOPAZ

Brazil

This well-formed heart-shaped faceted blue topaz displays a pleasing and well-saturated sky blue color as well as excellent transparency and luster. *Weighing approximately 58.34 carats and measuring 25.5 x 24.9 x 14.1mm*

\$1,000 - 1,500

262
LARGE "IMPERIAL" TOPAZ

Exceptional clarity and luster are not the only distinguishing characteristics of this fine stone: the color saturation is neither too light nor too dark, and additionally it displays the right mixture of orangey-red with champagne flashes. *Weighing approximately 71.28 carats and measuring 25.78 x 21.20 x 17.05mm*

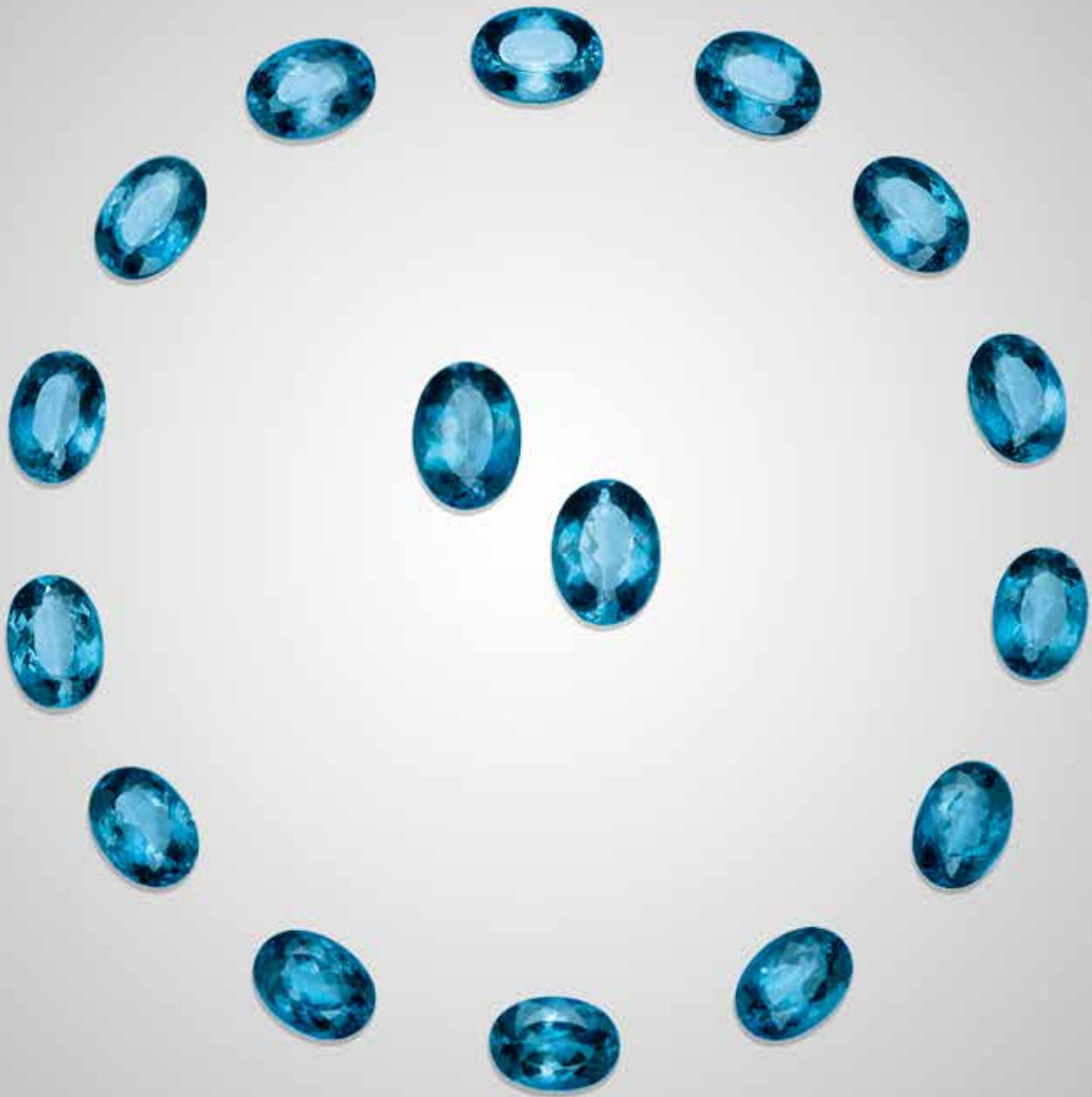
\$3,500 - 4,500

263
GROUP OF SIX FLAT-CUT TOPAZES AND ONE GREEN BERYL

Ukraine

Consisting of six flat-cut (portrait-cut) topazes ranging in color from pale blue, to brown and near-colorless, weighing approximately 14.0 cts, 23.0 cts, 9.5 cts, 14.0 cts, 21.5 cts and 13.0 cts; together with a single flat-cut green beryl, *weighing approximately 21.0 carats and measuring 31.4 x 14.8 x 4.6mm. Total weight approximately 116.0 carats (7)*

\$1,000 - 1,500
To be sold without reserve



264

SUITE OF "LONDON BLUE" TOPAZ

Brazil

Comprising sixteen oval-cut blue topazes, beautifully matched for shape color, clarity and luster. Such a suite would have taken years of high-grading and collecting stones before a suite could have been formed. *Total combined weight: 266.00 carats. Topaz in earrings set weighs: 22.75 carats and measures 20.09 x 14.94 x 10.19mm (16)*

\$8,000 - 10,000



265

265

GREEN TOURMALINE CARVING OF A FISH BY GERD DREHER

Idar-Oberstein, Germany

Carved of Brazilian green tourmaline having a hint of teal, *weighing 279.4 grams and measuring 119 x 112 x 16mm*, with applied 18K gold eyes and fins. The tourmaline fish is secured with two gold pins yet is removable from the rock crystal quartz base. The quartz is smooth polished on the front and reverse carved with an aquatic scene depicting sea anemones, a scallop shell and some rockery. *Signed with monogram GD for Gerd Dreher. Measuring 7 1/4 x 7 x 3in (151 x 116 x 41mm)*

\$10,000 - 12,000



266

266
AMERICAN WATERMELON TOURMALINE BAS-RELIEF CARVING

*Dunton Gem Quarry, Newry, Oxford County, Maine
 By Shan Gim Wang*

The color pattern here is the most intense and classic one could ask for, and it is characteristic of the best crystals from a record-setting 1972 find at this old classic locality, which was mined at the turn of the 1900s originally, and then reopened for gem mining in the 1970s by the Plumbago Mining company. San Diego lapidary, Shan Gim Wang utilized this rare American mineral for creating this mouth-watering cross-section slice of vivid, hot “bubble-gum” pink watermelon tourmaline. Carved in *bas-relief* to depict a duck in flight, the piece still retains a small rind of green from the original watermelon tourmaline crystal. A notable offering for the collector of American minerals. *Weighing 697.0 carats (139.4 grams) and measuring 3 1/4 x 2 1/2 x 3/4in*

\$4,000 - 6,000



267

267
AMERICAN MINT GREEN TOURMALINE CARVING

*Dunton Gem Quarry, Newry, Oxford County, Maine
 By Shan Gim Wang*

Discovered in 1898, the Dunton Gem Quarry was most actively mined in the first quarter of the last century; it reopened again briefly in the 1970s. The tourmaline used to create this attractive carving of vivid, “mint green” has excellent transparency for the species. It depicts two birds with foliage. This is an American classic noteworthy for its size, strength of color and clarity. *Weighing approximately 426.5 carats (85.3 grams) and measuring 2 1/2 x 1 3/4 x 1 1/4in*

\$3,000 - 5,000



268



269



270

268

GREEN TOURMALINE

A fine emerald-cut stone having excellent brilliance, luster and clarity which show off the bright green hue to best advantage. Of wearable size to be mounted as a ring. *Weighing approximately 20.02 carats and measuring 18.36. x 12.99 x 9.79mm*

\$3,000 - 4,000

Accompanied by a Gemological Institute of America report number 2171730619 dated August 8, 2014 stating that the 20.02 carats green tourmaline is natural.

269

HOT PINK TOURMALINE

A stunning, hot pink tourmaline precision faceted in a Portuguese cut which beautifully displays the excellent clarity and luster of the stone. *Weighing approximately 24.83 carats and measuring 17.22 x 14.5mm*

\$3,500 - 4,500



271

270

CALIFORNIA HOT PINK TOURMALINE

Himalaya Mine, Pala District, San Diego County, California

An attractive cushion-shaped stone having a modified, checkerboard faceted crown and step-cut pavilion. Having a bright candy colored or bubble gum pink hue for which tourmalines from this mine are noted. *Weighing approximately 20.69 carats and measuring 19.0 x 14.0 x 12.0mm*

\$1,200 - 1,500

271

EXCEPTIONAL BLUISH-GREEN TOURMALINE

Brazil

This large emerald-cut green tourmaline possesses all the most desirable characteristics of the species: well-saturated green color with a hint of teal, exceptional clarity for the species and a very high luster made all the more apparent by the excellent faceting. This is a fine offering for the serious collector of gemstones. *Weighing approximately 31.93 carats and measuring 20.31 x 15.68 x 11.60 mm*

\$6,000 - 8,000

Accompanied by a Gemological Institute of America report number 3911879 dated February 9, 1982 stating that the 31.90 carats tourmaline is natural.



272

272

GROUP OF TEN CAT'S EYE INDICOLITE TOURMALINES

Brazil

Each having similar blue-green hue to the others, fashioned in a variety of shapes including oval cabochons as well as circular cabochons which are double cabochons of lenticular-form having a cat's eye effect to both sides. Individual weights are as follows: 4.83 cts, 2.5 cts, 2.05 cts, 1.78 cts, 4.83 cts, 3.56 cts, 2.34 cts, 1.42 cts, 1.72 cts, 1.13 cts. *The total aggregate weight approximately: 26.15 carats. (10)*

\$900 - 1,200

273

PURPLE TOURMALINE CABOCHON

Mozambique

A decorative oval cabochon tourmaline having a distinct "plum" color and good clarity and polish of suitable size for mounting as a ring or pendant. *Weighing approximately 30.37 carats and measuring 24.3 x 17.5 x 8.5mm*

\$800 - 1,200

To be sold without reserve

274

RUBELLITE TOURMALINE TORSADE NECKLACE

Comprising nine strands of graduating, polished Brazilian rubellite tourmaline beads of hot reddish, pink hue, *measuring 2.1 to 12.3mm at the center*, completed with a two-color 18K gold barrel-form clasp. *Total weight approximately 500 carats, length 18 1/2in.*

\$1,200 - 1,500

275

RUBELLITE TOURMALINE

Brazil

Fashioned as a cushion-shape, the present rubellite tourmaline displays a deep rose color and good luster. *Weighing approximately 10.98 carats and measuring 16.0 x 12.15 x 8.46mm*

\$1,200 - 1,500

276

PAIR OF TRI-COLOR TOURMALINES

Bright in color, this pair of emerald-cut tourmalines which were cut from the same crystal have very well saturated color apparent which graduates from green at one end to a band of yellow in the center to deep rubellite pink. *Weighing approximately 65.05 carats and measuring 26.6 x 15.09 x 9.10 and 26.61 x 15.01 x 8.93mm*

\$1,800 - 2,500

277

GROUP OF THREE BI-COLOR TOURMALINES

Three large cabochons, each of cushion-shaped outline and having approximately 50/50% demarcation line between the rose pink to one side and light green to the other. *Total weight: 179 cts. Largest stone measures: 39.30 x 16.19 x 10.0mm*

\$2,000 - 3,000

278

PARAIBA TOURMALINE CABOCHON FROM THE ORIGINAL TYPE LOCALITY

Mina da Bathalha

Paraiba, Brazil

Tourmalines are available in a great number of colors, but the rarest, most valuable and legendary are those known as "Paraiba", named after the Brazilian state in which they are mined. Discovered in only 1989, this sensational find is attributed to Heitor Dimas Barbosa, now known as the "Father of the Paraiba Tourmaline". Tourmalines come in a rainbow series of colors but, while other tourmalines owe their colors to traces of iron, manganese, chromium or vanadium, Paraiba tourmalines owe their spectacular color to a high concentration of copper, an element not previously seen in tourmalines. Paraiba tourmalines are typically only seen in smaller carat sizes as the crystals mined at the mountain were almost entirely splinters and fragments. Truly a stone for the unusual gemstone collector, Paraibas are rarely even carried by the typical retailer. Its beauty explains the enthusiasm shown for the material which now ranks among the most coveted and valuable of all gemstones. The present offering is a very attractive oval cabochon of sea blue from the sought-after type locality. *Weighing approximately 4.32 carats and measuring 11.06 x 8.90 x 5.41mm*

\$2,000 - 3,000

Accompanied by an American Gemological Laboratories certificate CS 1075783 dated June 1, 2016 stating that the 4.31 carats tourmaline is from Paraiba, Brazil and that it shows no evidence of heat treatment.

279

INDICOLITE TOURMALINE

Brazil

Faceted as an unusual elongated oval, most likely following the outline of the original crystal, this fine gemstone displays a deep rich blue color. *Weighing approximately 22 carats and measuring 31.34 x 13.32 x 7.31mm*

\$2,000 - 3,000

280

STUNNING RUBELLITE

Africa

Vibrant in color, with shades of pomegranate mixed with raspberry, the present rubellite is unusual for its elongated oval shape. The luster is very good and the clarity above average for the species. *Weighing approximately 28.20 carats and measuring 33.29 x 13.82 x 9.82mm*

\$5,000 - 7,000



273



274



275



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283



282

281

RUBELLITE TOURMALINE

Brazil

This pear-shaped tourmaline of deep reddish pink color--exemplary of the designation of the name "rubellite"-- has excellent transparency and luster to recommend it as well. Its shape would ideally lend it to being mounted as a pendant. *Weighing approximately 9.79 carats and measuring 22.0 x 10.1 x 6.0mm*

\$2,000 - 3,000

282

GREEN TOURMALINE

Brazil

A fine, emerald-cut tourmaline having a bright green hue, with excellent saturation as well as excellent clarity and luster. *Weighing approximately 12.17 carats and measuring 16.35 x 9.89 x 7.59mm*

\$1,200 - 1,500

283

EXCEPTIONAL RUBELLITE TOURMALINE

Large in size for the species and having excellent clarity and luster, this oval-cut stone has a vibrant, deep rose hue to recommend it. *Weighing approximately 41.44 carats and measuring 24.56 x 18.24 x 13.45mm*

\$4,000 - 6,000



284

284

LARGE TURQUOISE

Arizona

A large free-form nugget of bright blue color with some oxidation and green hues near the bottom, with "spider web" matrix veining throughout. The base has been sawn flat so that the nugget can stand on its own. *Measuring 9 x 4 1/2in x 4in*

\$1,500 - 2,000

To be sold without reserve

285

LARGE TURQUOISE NUGGET

Royston, Nevada

Nevada turquoise is more rare than Arizona turquoise. The present specimen is large and exhibits botryoidal growth. It has been polished on all the "high spots" to reveal the beautiful color contained within. *Weighing approximately 37.1 ozt (1156.7 grams) and measuring 8 x 4 x 2 1/2 in*

\$3,000 - 4,000

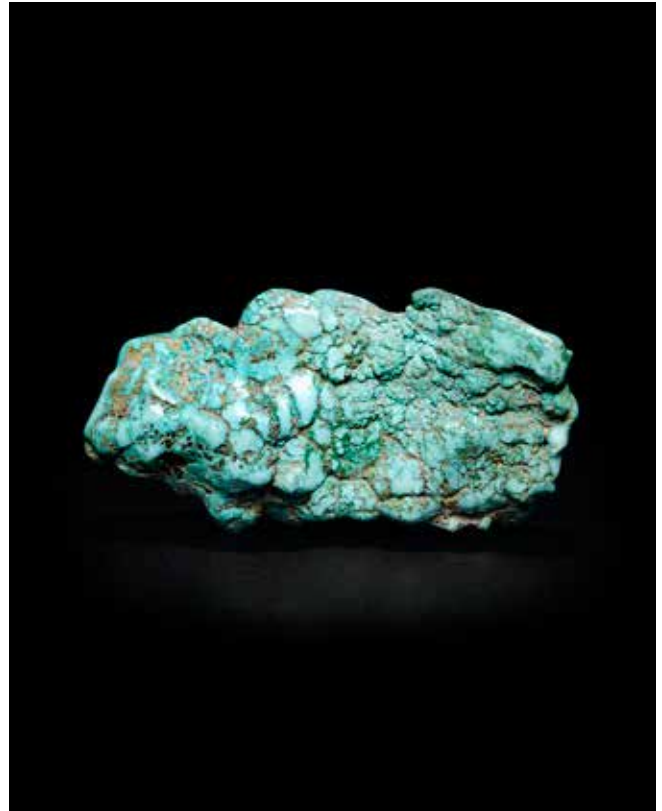
286

TURQUOISE NUGGET

Iran

A small cabinet-sized specimen of bright, vivid robin's egg blue, with botryoidal growth evident over the surface. Two "windows" have been polished to reveal the interior. *Measuring 3 1/2 x 2 1/4 x 1 1/2in*

\$1,800 - 2,500



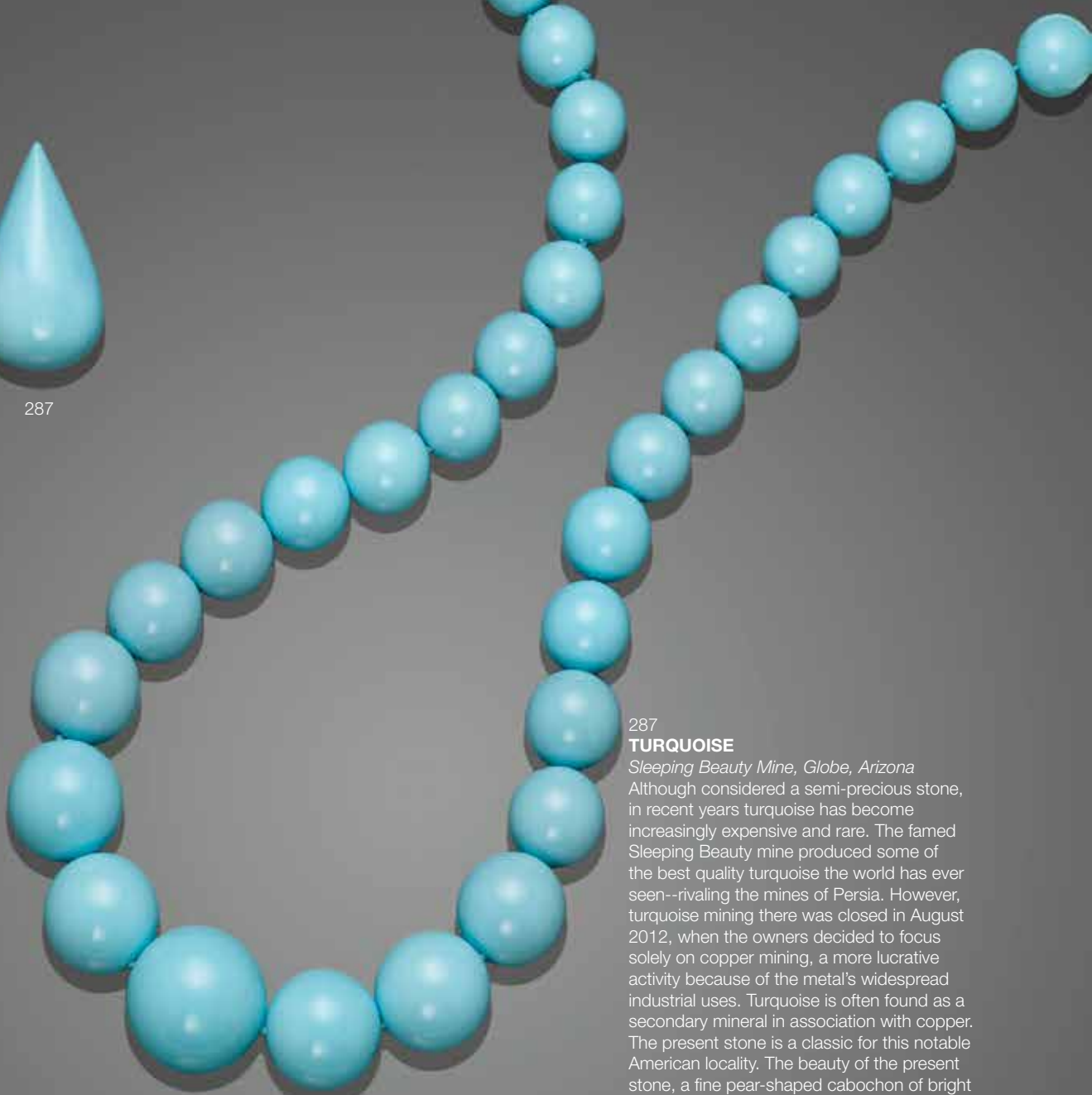
285



286



287



288

287

TURQUOISE

Sleeping Beauty Mine, Globe, Arizona

Although considered a semi-precious stone, in recent years turquoise has become increasingly expensive and rare. The famed Sleeping Beauty mine produced some of the best quality turquoise the world has ever seen--rivaling the mines of Persia. However, turquoise mining there was closed in August 2012, when the owners decided to focus solely on copper mining, a more lucrative activity because of the metal's widespread industrial uses. Turquoise is often found as a secondary mineral in association with copper. The present stone is a classic for this notable American locality. The beauty of the present stone, a fine pear-shaped cabochon of bright and even robin's egg blue color, is revealed by its excellent polish. *Weighing approximately 40.22 carats and measuring 33.08 x 20.40 x 11.51mm*

\$1,500 - 2,000



289



290



291



292



293



294



295

288

TURQUOISE BEAD NECKLACE

Sleeping Beauty Mine, Arizona

A single strand bead necklace consisting of smooth polished spherical beads graduating in size from 21mm to 10 mm, completed by a 14K yellow gold heart-shaped toggle clasp. *Weight: 128 grams. Length 21in*

\$2,500 - 3,500

289

GROUP OF TURQUOISE CABOCHONS

Persia

Oval and circular cabochons having a homogenous, even robin's egg blue color, with some brown matrix and veining showing on the back. The largest weighing approximately 5.5 carats and measuring 12.37 x 9.38 x 6.71mm. *Total weight: approximately 300.0 carats. (lot)*

\$1,200 - 1,500

290

"ZEBRASTONE" INTARSIA JEWELRY BOX--A "MINERALOGICAL MYSTERY"

Designed and fabricated by Konstantin Libman

Found only in the Johnny Cake Shale formation of East Kimberly, Western Australia, this reddish-brown and white banded clay-based rock is known as "zebrastone". While the reddish-brown color can be attributed to the presence of iron oxides, the origin of its unique pattern of stripes and dots has yet to be explained by geologists. The present box is beautifully crafted from slabs of Australian zebrastone with invisibly matched seams.

The entire box is polished to a porcellaneous surface. The hinged lid opens to reveal an interior lined with wood. With sturdy brass piano hinges. *Measuring 7 x 5 1/4 x 2in*

\$2,000 - 3,000

Offered with a custom-fitted wooden presentation box.

291

ZIRCON

Cambodia

Distinguished by its excellent clarity, the present cushion-cut red zircon has warm overtones of brown present. *Weighing approximately 11.34 carats and measuring 16.45 x 11.53 x 6.06mm*

\$1,000 - 1,500

292

UNUSUAL BLUE ZIRCON

Cambodia

This fine quality blue zircon has the unusual distinction of having been faceted as an emerald-cut. Of suitable size for mounting as a ring. The high natural dispersion of zircon makes this a highly brilliant and scintillating stone. *Weighing approximately 16.82 carats and measuring 16.41 x 9.15 x 8.39mm*

\$3,000 - 4,000

293

FANCY CUT BLUE ZIRCON

Cambodia

Possessed of both a high refractive index and high dispersion, zircon is one of the few gems capable of rivaling diamond for brilliance and fire. As the birthstone for December, this oval-cut displays a deeply saturated blue of the most desirable nature, surpassed only by its excellent transparency and luster. In most zircons, the "fire" is often masked by a dark body color. That is not the case with this wearable and collectible stone. Zircons of more than 3 carats are exceedingly rare and this stone weighs nearly 12 carats. *Weighing 11.85 carats and measuring 15.03 x 9.76 x 9.08mm*

\$1,800 - 2,200

294

BROWN ZIRCON

Cambodia

Large size for the species, the present brown zircon displays a rich whiskey-colored hue and excellent luster and dispersion for which this species is known. *Weighing approximately 18.58 carats and measuring 15.68 x 12.26 x 9.79mm*

\$700 - 1,200

To be sold without reserve

Accompanied by an American Gem Trade Association identification report number 95007408 dated May 13, 2005 stating that the 18.58 carats brownish yellow zircon is natural.

295

TWO BLUE ZIRCONS

Cambodia

Faceted as a pair of square-cuts and suitable for mounting as earrings, this is a fine pair of zircons having a bright blue color, excellent polish and dispersion. *Together weighing approximately 11.53 carats and measuring 6.85 x 6.79 x 7.06mm*

\$1,000 - 1,500



296^Y

A PUBLISHED GEM: LARGE AND RARE, PURPLE NON-NACREOUS QUAHOG PEARL

Mercenaria mercenaria

Northern Quahog clam species

Coastal waters of the North Atlantic

Described by Linnaeus in 1758, the Quahog pearl does not come from an oyster but rather a thick-shelled edible member of the clam family. Depending on their size they are sometimes marketed as “littlenecks” if they are smaller, “cherrystone” if they are medium-sized or “quahogs” if they are larger. They are also known as “chowder” clams. One of the longest-lived North American bivalves, its life expectancy is sometimes greater than 40 years.

It is estimated that only 1 in 100,000 Quahog clams actually produce a pearl of any kind and most are too unattractive for use in jewelry. Before its use in jewelry, the Quahog was used as the nation’s first domestic currency. The Wampanoag tribe used a medium of exchange called *wampum* which consisted of beads made of the shell of the Quahog bivalves.

The rarest Quahogs are those which are a true purple—and these are found only in New England. Actually a “calcareous concretion”, Quahogs are similar to pearls in that they are started by a parasite. However, the purple stain of the Quahog colors the pearl, not the nacre, in much the same way that a conch pearl is created.

In its quarterly magazine, “Gems & Gemology”, GIA’s staff gemologist, Joyce Wing Yan Ho, based in NY stated: “a notable purple non-nacreous pearl was recently submitted to the New York laboratory weighing 16.64 carats. It was immediately recognizable as an outstanding specimen due to its clean surface, which possessed an attractive sheen reminiscent of fine porcelain. It has good symmetry, featuring a near-round, button shape with a perfect dome top and a

rounded base and a richly saturated and well-distributed mid-purple color. The characteristic natural purple color and non-nacreous porcelaneous appearance indicated a pearl from the bivalve mollusk *Mercenaria mercenaria* (belonging to the *Veneridae* family), also referred to as the ‘Northern Quahog’. Quahogs can occur in a variety of colors ranging from white to brown and from faint pinkish purple to dark purple. Like other natural pearls, quahog pearls are rarely spherical. Button shapes with flat bases are most often encountered. Natural Northern quahog pearls are often submitted to GIA labs. Most are below 10 carats with a flat-based button shape, usually with a dark or light purple color, and tales of their accidental discovery while eating clams are not uncommon. This Quahog pearl’s large size, clean surface, fabulous luster, near-round shape and evenly distributed rich color combine to make it an exceptionally fine and rare example of its type.”

At well over 16 carats, the large pearl has a near-spherical-to-button-shape and displays a rich lavender hue and excellent porcellaneous luster. An increase in size over the next pearl a few carats or millimeters less is an exponential difference in terms of rarity and valuation. The present pearl is exceptional by any measure and is believed to be the largest Quahog pearl offered at public auction. *Weighing approximately 16.64 carats and measuring 13.64 x 11.84mm, undrilled.*

\$25,000 - 35,000

*Accompanied by a Gemological Institute of America report number 5161664921 dated November 7, 2014 stating that the 16.64 carats natural purple pearl is a saltwater species *Mercenaria mercenaria* (northern quahog clam) and that it shows no indications of treatment.*

*Accompanied by a copy of the article from *Gems & Gemology*, Spring 2015, Vol.51, No.1. with a published image of the pearl*





297

297^Y

FINE LARGE NON-NACREOUS PINK PEARL--"QUEEN CONCH"

Strombus gigas

Caribbean Sea

Of baroque shape, with deep rose color, having excellent overall flame pattern and a lustrous porcellanous surface luster. *Weighing approximately 7.16 carats and measuring 12.70 x 7.9 x 8.7mm*

\$6,000 - 8,000

298^Y

PINK NON-NACREOUS PEARL--"QUEEN CONCH"

Strombus gigas

Caribbean Sea

A conch is one of a number of different species of medium-sized to large saltwater snails and their shells. True conchs are marine gastropod mollusks in the family *Strombidae*, and the most well known species is the *Strombus gigas* or "Queen Conch". The pearls they produce are calcareous concretions—that is they are non-nacreous and are made up of calcium carbonate (rather than aragonite which is the composition of nacreous pearls).

Several thousand snails would have to be found in order to recover a pearl as fine as this one. The present pearl is a very large example of a conch pearl, having a sought-after pink hue. The shape is slightly baroque, but its most notable feature is the distinct flame pattern iridescence which covers the surface. Such large conch pearls are now becoming increasingly rare offerings in the marketplace. *Weighing approximately 20.78 carats and measuring 17.0 x 13.7 x 11.5mm*

\$25,000 - 35,000

299^Y

LARGE AND FINE NACREOUS SALTWATER NATURAL PEARL--"ABALONE PEARL"

Haliotis fulgens

Coastal waters of Baja, California Peninsula, Mexico

"The abalone pearl is one of the most beautiful and unusual of pearls. It is one of the rarest..."

The colors of the abalone pearl are rich and exotic...

The rarest and most highly prized offer rich peacock blue and green hues."

The Book of the Pearl, by George Frederick Kunz (1856-1932)

Abalone is a primitive univalve (one shell) mollusk at least thirty million years old. While it is often found close to the surface it may grow to depths of 30 meters, where seaweed grows in larger amounts—helping to nurture its colorful mother-of-pearl. The undulating grain in the shell is the result of seasonal fluctuations in the Abalone's diet. The dark organic material of the conchiolin layers is laid down during the winter months and the nacre, made up of aragonite and calcite crystals, is laid down in the warmer summer months.

The present offering is a drop-shaped pearl of classic form for abalone, suitable for mounting as a pendant. The pearl is distinguished by a fine iridescence and displaying a multitude of hues such as purple, violet, pink, peacock green, bronze which are surpassed only by its high degree of luster. Of very fine quality, it is free-standing and not a "blister" abalone pearl which was once attached to the shell.

The exceptionally large size of this pearl renders it a particularly rare commodity in today's market. *Weighing approximately 26.74 carats and measuring 32.84 x 17.81 x 9.91mm*

\$20,000 - 30,000



298



299



300^Y

TWO NON-NACREOUS PINK PEARLS--"QUEEN CONCH"

Strombus gigas
Caribbean Sea

Both pearls having a marquise-shape, the larger non-nacreous pearl having a baby pink color, weighing approximately 2.58 carats and measuring 10.9 x 7.0 x 4.5mm; together with a second conch pearl of deep rose color, weighing approximately 2.30 carats and measuring 8.9 x 6.3 x 5.5 mm. Total weight of both pearls approximately 4.89 carats. (2)

\$2,000 - 3,000

301^Y

GROUP OF FOUR ORANGE NON-NACREOUS PEARLS

Strombus gigas
Caribbean Sea

An array of conch pearls including: a large orange baroque pearl, weighing approximately 8.02 carats and measuring 11.76 x 9.74 x 9.69mm; an orange pearl, weighing 2.47 carats 8.7 x 6.3mm; an orange pearl, weighing approximately 2.06 carats and measuring 7.83 x 5.98mm; together with a 0.61 carats pearl, length 5.24mm. Total weight approximately 13.13 carats (4)

\$2,500 - 3,500

302^Y

ROSE PINK CONCH PEARL

Strombus gigas
Caribbean Sea

A very pretty, symmetrical pearl with a deep rose pink hue, marquise-shaped or of "football-shaped" outline, displaying excellent flame pattern iridescence. Weighing approximately 1.25 carats and measuring 7.45 x 4.5mm

\$1,200 - 1,500

303^Y

UNUSUAL NON-NACREOUS NATURAL SALTWATER PEARL

Tridacna gigas
Coastal waters of the Phillipines

Ideally suited to being mounted as a pendant, this large drop-shaped clam pearl is unique in its coloration. Graduating from ecru at the top to pinkish-orange at the bottom, the shape is baroque, organic and feminine. Weighing approximately 72.94 carats and measuring 31.09 x 21.98 x 17.85mm

\$2,000 - 3,000

Accompanied by a GGTL Laboratories report number 16-P-4379 dated Jun 15, 2016 stating that the non-nacreous pearl of 72.94 is a non-nacreous natural saltwater clam pearl.

304^Y

THREE MULTI-COLOR CONCH PEARLS

Strombus gigas
Caribbean Sea

Comprising a larger rose pink conch pearl, weighing approximately 1.08 carats and measuring 5.63 x 4.22mm; a white conch pearl, weighing approximately 0.80 carats and measuring 4.88 x 4.36mm; together with an orange spherical pearl, weighing approximately 0.89 carats and measuring 4.93 x 4.95mm. Total weight approximately 2.76 carats (3)

\$1,000 - 1,500



305

305^Y

DROP-SHAPED NATURAL PEARL

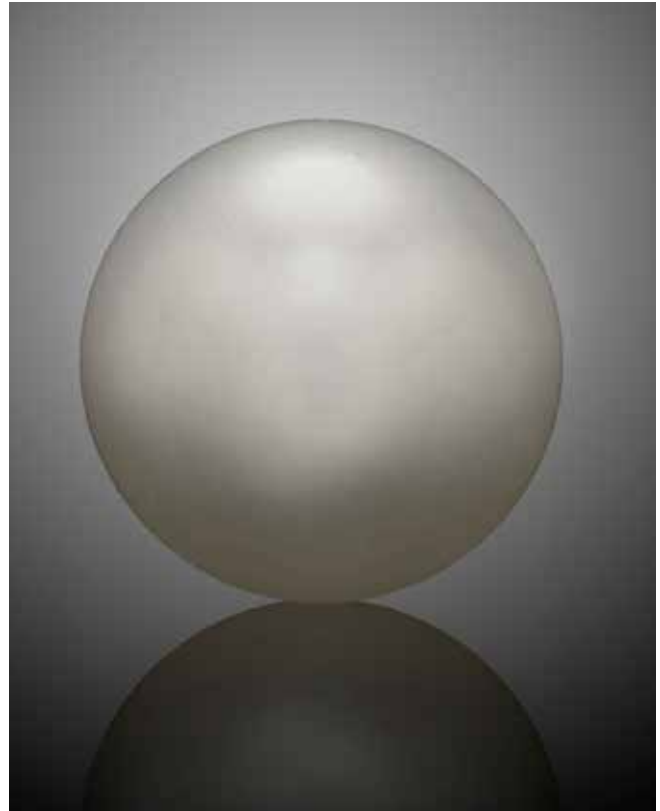
Pinctada mazatlanica
Coastal waters near Baja California

When near-perfection in nature is achieved, one never ceases to marvel at it....the present pearl exemplifies this quality with its highly symmetrical drop form, even white color and soft, feminine luster so characteristic of natural pearls. The lovely shape ideally lending itself to being mounted as a pendant.

Weighing approximately 6.44 carats and measuring 12.74 x 8.73mm

\$25,000 - 35,000

Accompanied by a group certificate from the Gemological Institute of America number 5171514641 dated March 22, 2016 stating that the 6.44 carats drop-shaped pearl is natural saltwater with no indication of treatment and that it is a Pinctada species oyster pearl.



306

306^Y

NATURAL SALTWATER PEARL

Pinctada mazatlanica
Coastal waters near Baja California

When the Spaniards arrived to Mexico in the 1600s they were captivated by the gleaming white pearls found along the coast in the oyster *Pinctada mazatlanica*. The pearls soon made their way to the courts of Europe and became as important a commodity for the country as silver. The vast majority of Baja pearls do not even reach 1 carat in size and this one weighs over 8 carats. Of near-spherical form, this white natural pearl displays excellent soft luster for which natural pearls are renown. Such pearls are rare in today's market. *Weighing approximately 8.34 carats and measuring 11.24 x 9.55mm, undrilled.*

\$35,000 - 45,000

Accompanied by a Gemological Institute of America report number 6177766254 dated July 28, 2016 stating that the 8.34 carats natural pearl is from a Pinctada species mollusk and that it shows no indications of treatment.



307 (front)



307 (back)

307^Y

RARE NATURAL SALTWATER PEARL

Turban snail

Astraea undosa

Sea of Cortez, near Baja California

A large, nacreous pearl from the saltwater mollusk known as the “Turban” snail, so dubbed due to the conical shape of its shell. Found in the waters of the Gulf of California, it is graceful and feminine in form. This extremely rare pearl has lavender, pink and green iridescence and high luster. *Weighing approximately 21.64 carats and measuring 19.88 x 17.94 x 9.76mm*

\$20,000 - 30,000

To our knowledge, only two other Turban snail pearls have been offered at public auction. Both were featured in Natural History auctions at Bonhams: lot 1336, Auction 21032, May 2013 and lot 1231, Auction 21649, May 2014.



308

NATIVE METALS

**308
GOLD-IN-QUARTZ**

California

An attractive miniature specimen of semi-crystallized gold, with traces of quartz still apparent. *Gross weight approximately 0.5 ozt (14.1 grams), height 1 1/4 in*

\$1,000 - 1,500

To be sold without reserve

309

FOUR SPECIMENS OF GOLD-IN-QUARTZ AND A "WIRE" GOLD ON MATRIX

The wire gold on matrix, *Olinghouse Mine, Washoe County, Nevada*, *gross weight 1.135 ozt (35.4 grams), height 1 1/4 in*; together with four Gold-in-Quartz specimens stated to originate from the Comstock Lode, Nevada, *gross weights: 0.30 ozt; 0.10 ozt; 0.61 ozt; and 2.88 ozt.* (5)

\$1,500 - 2,000

To be sold without reserve



309



310

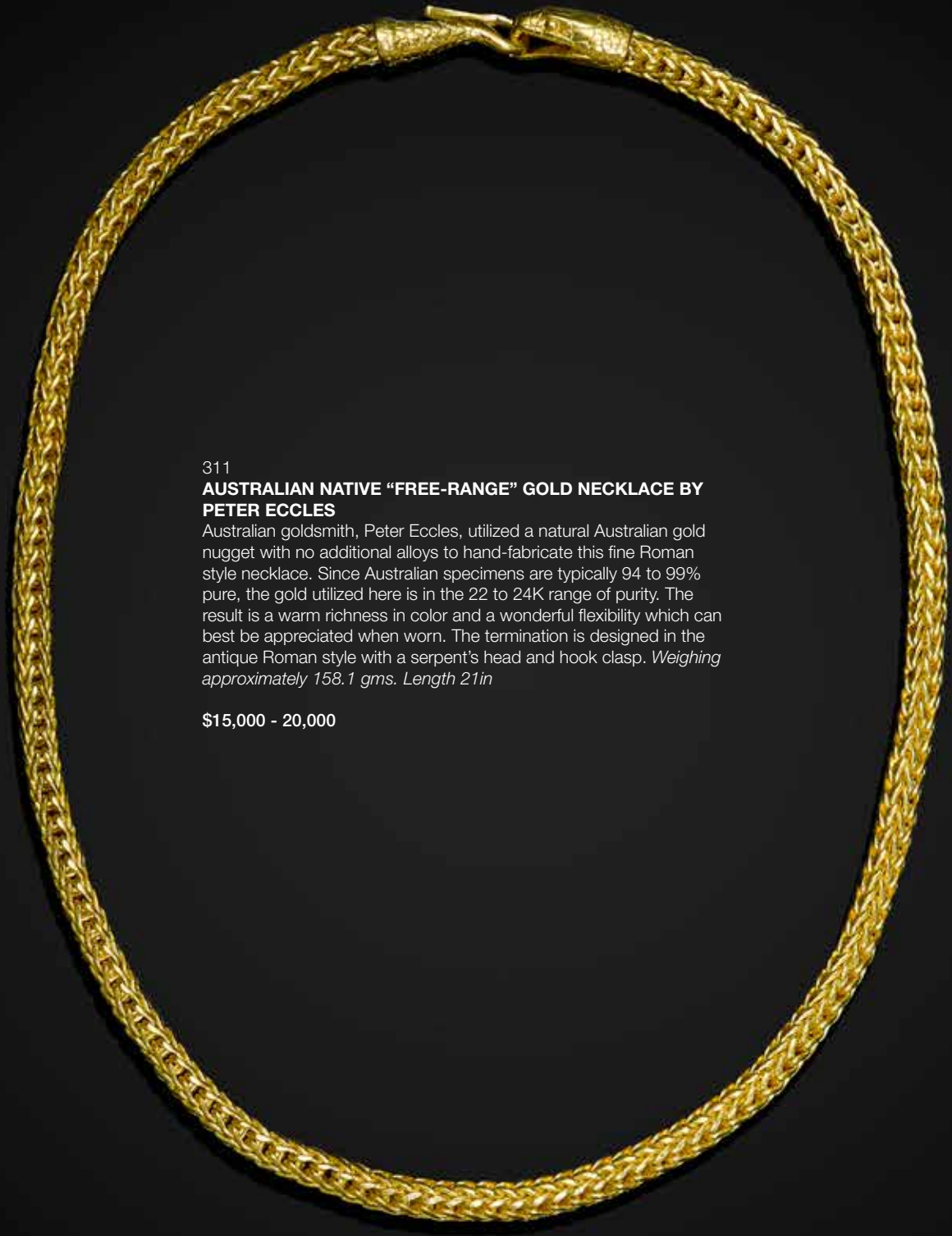
310

GROUP OF CALIFORNIA GOLD SPECIMENS

All originating from the Original 16-to-1 Mine, Alleghany, CA: the largest with gold veining in white and grey quartz, *gross weight 0.89 ozt*, with pendant bail on the back; together with four additional specimens with gross weights as follows: 0.40 ozt , 0.31 and 1.35 ozt; plus four glass vials containing small gold flakes/nuggets and one with silver dust. (8)

\$1,500 - 2,000

To be sold without reserve



311

**AUSTRALIAN NATIVE "FREE-RANGE" GOLD NECKLACE BY
PETER ECCLES**

Australian goldsmith, Peter Eccles, utilized a natural Australian gold nugget with no additional alloys to hand-fabricate this fine Roman style necklace. Since Australian specimens are typically 94 to 99% pure, the gold utilized here is in the 22 to 24K range of purity. The result is a warm richness in color and a wonderful flexibility which can best be appreciated when worn. The termination is designed in the antique Roman style with a serpent's head and hook clasp. *Weighing approximately 158.1 gms. Length 21in*

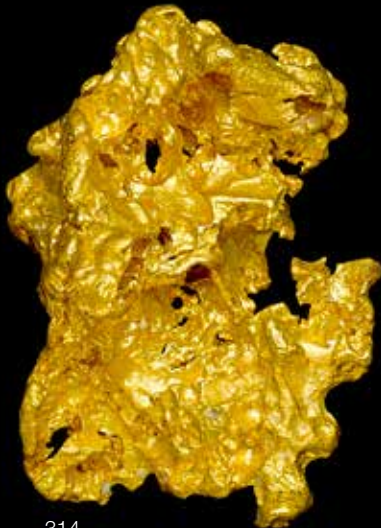
\$15,000 - 20,000



312



313



314

312

UNUSUAL GOLD NUGGET

Mt. Monger, Western Australia

Long, narrow and elegant--this specimen originated from an elongated deposit or vein structure, now water-worn and free of its original quartz matrix. *Weighing approximately 2.19 oz (68.2 grams) and measuring 3 1/4 x 3/4 x 1/4 in*

\$5,000 - 7,000

313

LARGE GOLD NUGGET

Kalgoorlie, Western Australia

Large, flat nugget with some sharpness to the edges and some water-worn areas, and a naturally pierced hole and very tiny traces of limonite in one or two crevices. *Weighing approximately 6.45 oz (200.7 grams) and measuring 4 x 1 3/4 x 1/4 in*

\$15,000 - 20,000

314

GOLD NUGGET

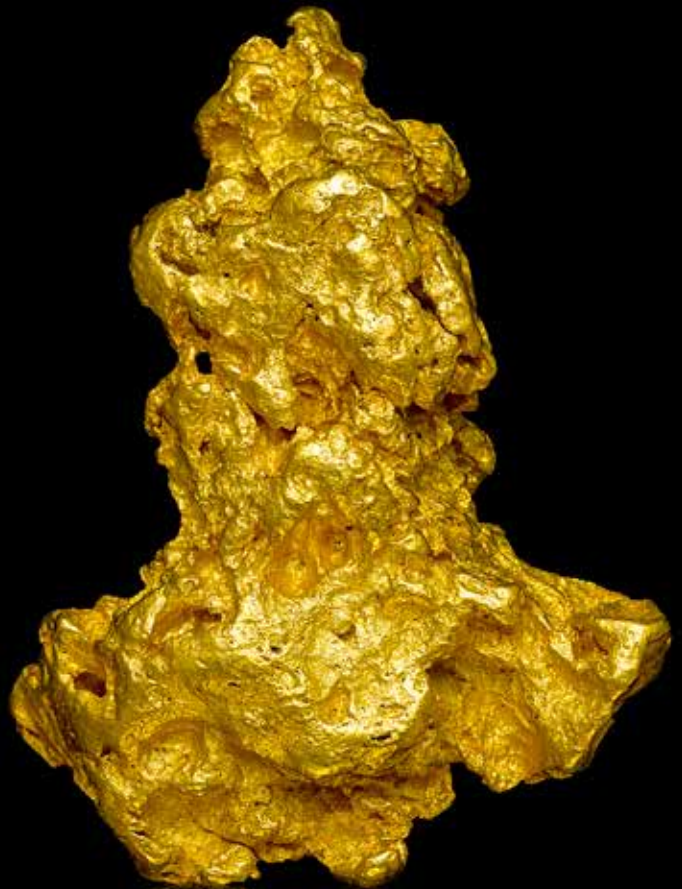
Moliagul, Central Victoria, Australia

Bright patina, some sharp edges and others are water-worn, there are some angular crevices which probably contained quartz at some point, now dissolved away. *Weighing approximately 4.02 oz (125.3 grams) and measuring 2 x 1 1/2 x 3/4 in*

\$10,000 - 12,000



front



back

315

LARGE AND IMPRESSIVE GOLD NUGGET

Koonenbery, New South Wales, Australia

Having an outline roughly in the shape of an axe-head, with water-worn edges, bright, gold with a warm buttery patina, this is a nugget of impressive size. Weighing approximately 18.18 oz (565.6 grams) and measuring 3 1/2 x 2 3/4 x 1 in

\$45,000 - 55,000



316

IMPRESSIVE CRYSTALLIZED GOLD

Mato Grosso, Brazil

A specimen with great three-dimensionality, a long string of crystals of herringbone formation, lining up on a central axis.

Weighing approximately 12.9 grams and measuring 1 3/8 x 3/4 x 1/4in

\$9,000 - 11,000

316



317

LARGE, RARE PLATINUM NUGGET

Kondor, Russia

A classical "free standing" platinum nugget displaying significant heft and a characteristic veneer of crystalline chromite. Such large specimens of platinum are a rare offering and are never seen in the marketplace. *Weighing approximately 5.8 oz (180.3 grams) and measuring 1 3/4 x 1 1/2 x 1in*

\$30,000 - 40,000

317



318

319

318
GOLD NUGGET PENDANT TOGETHER WITH A PAIR OF CALIFORNIA GOLD RUSH COIN EARRINGS

Northern Yuba River, California

A natural gold nugget, mounted with a modern 14K yellow gold bail, with an additional tiny nugget surmounting the bail as an accent, weighing approximately 0.30 ozt (9.4 grams), height 1 1/4 in; together with a pair of California gold "coin" earpendants, circa 1854-1871 commemorating the California gold rush, length approximately 1 3/4 in (3)

\$700 - 1,000

319
GOLD NUGGET NECKLACE

California

Comprising 29 natural nuggets with high-karat gold links, the largest nugget measuring up to a 1/2 inch in length, suspending three additional nugget pendants, completed with a modern 14K yellow gold clasp, weighing approximately 39.1 grams, length 17.

\$2,500 - 3,000
To be sold without reserve



320

**IMMENSE COPPER NUGGET ON
CUSTOM STAND**

Keweenaw Peninsula, Michigan

A classic nugget of large proportions, most of the large copper specimens from this area are found in gravel pits and are smooth from weathering. The present specimen is of imposing size and exhibits a more rugged or "weathered" appearance on one side, a with a desirable green patina overall and light polish to the face. Large copper nuggets are now difficult to find as most have been destroyed for use in either the industrial or currency sectors. *The nugget weighing approximately 154 lbs without stand. Overall height 66in (167cm); nugget 29 x 18 x 2 1/2in*

\$9,000 - 12,000

Raised on a custom-fitted stand.

321^w

LAPIDARY WALL ART AND MATCHING FRAMED QUILT--"LOS ANGELES STRATIGRAPHY"

"Los Angeles Stratigraphy" is a stone and fabric diptych that shows the exciting tectonic history of the Los Angeles basin. Faulting, sedimentary layers, weathering profile, and representative fossils (including California's state fossil, the Smilodon) unfold in an artistic intarsia.

Two Colorado artists with backgrounds in geology created this masterful set. Susan Judy built the left half with inlaid stone and Neffra Matthews mirrored the stone with matching quilted fabric on the right side. The unexpected juxtaposition of these materials is both startling and captivating.

The stone mosaic is composed of marble, sandstone, limestone, onyx, amazonite, quartzite, aventurine, slate, granite, and metasomatite. Fossils are sandblasted in the stone and embroidered in the fabric. The fabric is hand dyed batik with custom quilted stitched geologic symbols. *Measuring 42 x 14 1/2 x 1 1/2 in (107 x 36 x 3cm) (2)*

\$6,000 - 8,000

Susan Judy is a stone mosaic artist with a background in exploration geology. Her art combines techniques of opus sectile mosaic with relief. The process includes cutting, polishing, sanding, and arranging a variety of semi-precious gems, crystals, fossils and other stone into abstract and geologic images. The geologic art includes stone geologic maps, stratigraphic columns, primordial landscapes and structural images.

Neffra Matthews is a fiber artist with a background in geology and 3D imaging. Her art focuses on using color and texture, created by hand dyed fabric and custom designed stitching, to interpret the wonders of the natural world. Neffra utilizes thread, fabric and color to express her scientific knowledge and depict it artistically, to engage the viewer on multiple levels, and to share an appreciation of science and art in our natural world with a larger audience.

Accompanied by two framed explanations of the Los Angeles Basin Stratigraphy description the Precambrian, Jurassic, Cretaceous, Tertiary and Quarternary layers as well as a description of the oil fields of the Los Angeles Basin.





322

322^w

GEMSTONE AND MINERAL INLAID ILLUMINATED WALL PANEL BY ZEE HAAG

Depicting classic desert imagery of a hummingbird hovering near a flowering cactus. Inlaid with slabs of various other gem materials including: rubellite tourmaline, amethyst, apatite, fire opal, sugilite, peridot, diopase, chrysoprase, sodalite and various others into a diamond-ground, oxidized steel having a sealed-coat lacquer. With internal electrical long-life LED fittings to allow for illumination from behind. *Measuring 40 1/8 x 36 x 3 1/16in*

\$12,000 - 15,000



323

323^w

“GEMSCAPE”: AN ILLUMINATED WALL PANEL BY ZEE HAAG

Of dramatic starburst design, comprising inlaid slices of Brazilian amazonite with Chinese fluorite at the center inlaid into a diamond-ground, oxidized steel, having a sealed-coat lacquer. With internal, electrical long-life, LED fittings to allow for illumination from behind. *Measuring 40 x 36 x 3in*

\$12,000 - 15,000



324

324^w

SCHOLAR'S ROCK: A SANDSTONE CONCRETION ON STAND

China

Possibly a sandstone concretion from an ancient seafloor bed, this unique specimen possesses natural cavities which present a dynamic positive/negative visual space. Raised on a custom-fitted wooden base. *Height 27in*

\$1,000 - 1,500

325^w

SCHOLAR'S ROCK ON WOODEN STAND

China

Exemplifying the qualities which one would wish to see in a scholar's rock: imposing size, a dramatic outline and two natural cavities which present a dynamic positive/negative space suitable for contemplation. *Height 33in*

\$2,000 - 3,000

326

"CHRYSANTHEMUM STONE" ON WOODEN STAND

Permian

Oixia Formation, Hunan, China

Named for its unique flower-like patterns formed of calcite, celestite and chert embedded in a rich gray limestone matrix, "chrysanthemum stone" is a classic Chinese ornamental rock. Chinese mystics believe that its presence awakens one's true purpose in life and lends the support and courage needed for new beginnings, making it the perfect gift for newlyweds and families with newborn infants. This large specimen has been polished, which enhances the stone's contrasting tones. *Height with stand: 21in. Stone measures 18 x 12 1/2 x 2 3/4 in*

\$2,000 - 3,000

END OF SALE



325



326

ARTISTS' BIOGRAPHIES AND INDEX

Luis Alberto Quispe Aparicio

Following a second-generation family tradition in the fabrication of objects d'art, Luis' studio specializes in the carving of ruby. The second hardest stone after diamond, few artists have managed to successfully work this mineral since it requires a very advanced technique for carving and polishing. His works are displayed in museums in the United States and Europe and are enjoyed by private collectors around the world.

Lots 188, 193, 194, 206, 207, 259

Eberhard Bank

Born on April 12, 1953, Bank's work follows in the traditions of the famous gem-cutting city of Idar-Oberstein. Following school, he spent three and one-half years apprenticing as a gem cutter and qualified as a journeyman by 1972. He received his Master Craftsman certification from the Gem School in Idar in 1983 and opened his own studio by 1985. He has had international exhibitions in Japan, Bahrain, Canada, the U.S., Switzerland, England and Germany.

Lots 219, 220

Gerd Dreher

The exquisitely detailed animal carvings of Gerd Dreher make his works among the most sought-after masterpieces of the lapidary arts. Born in 1943 in Idar-Oberstein, Gerd is a fourth generation animal figure carver. Dreher's family has been involved in the art of engraving and carving gemstones for nearly two hundred years. A long-established family tradition of producing hardstone and gem animal carvings was begun in the 19th Century and by the early 1900s their name was synonymous with that of the jeweler, Carl Fabergé. The Russian master, on his frequent trips to Idar, would provide plaster models of whimsical animal carvings, which the Dreher family would create out of jasper, agate and jade. Fabergé then sold them in his famed salons in St. Petersburg, Moscow and London.

Gerd is a keenly observant naturalist who maintains a massive library of videotapes of animals in motion. His devotion to realism in muscle and animation is what sets his carvings apart. In 2004 a major retrospective exhibition of 60 works entitled *The Gem Carvings of Gerd Dreher: A Faberge Legacy*, was held at the Houston Museum of Natural Science. In the words of Joel Bartsch, Curator of Gems and Minerals for the Museum, "Dreher's ability to breathe life into stone has made him one of the most famous practitioners of the craft in the world today. His work is a marriage of art and science."

Lots 167, 265

Dalan Hargrave

Dalan Hargrave began a career as a goldsmith in 1976 after taking college courses in Arts and Metals at San Antonio Junior College. During his career he advanced from repair work to light manufacturing, mold making, gem cutting and fabricating one-of-a-kind jewelry. His design studio presently specializes in custom mountings and lapidary work and he has established a number of signature gemstone styles which are exclusively his including: GemStarz, GemHeartz, Spirographic-cuts, compound concave cuts and the 3-D Illusion series.

Hargrave only began cutting gemstones in 1998. Yet he has since received numerous "Spectrum" and "Cutting Edge Awards" from the American Gem Trade Association--a total of 22 with 3 "Best of Show"--an outstanding achievement for one so new in the field. In 2004, he was inducted into the National Rockhound/Lapidary Hall of Fame in the area of Metal Craft. Recently Hargrave received "Best of Competition" in the 2006 "Gemmys" competition sponsored by Lapidary Journal. In 2007, he received two additional "Gemmys" awards. His work has been featured before in Bonhams' Natural History auctions.

Lots 43, 87

Zee Haag

A native of Tucson, Arizona, Zee Haag was born into a family of well-known mineral collectors. After attending the Sunnyside Arts school and the Pima County Community College of Arts in the 1970s, Zee began the life-long process of integrating his love of minerals with his love of art. His "Gemscape" art is the culmination of his career as a prospector, miner, stone-cutter, tinkerer, gallery owner and artist. His works have been collected by clients around the world.

Lots 322, 323

Tamara Montgomery

Born in Moscow, Russia, Tamara began studying art at the age of 5 when she was inspired by the work of Faberge and learned about the jewelry and carving trades. She began collecting semi-precious and precious gems and attended classes in gemstone carving and goldsmithing in Russia. Each of her creations is unique and one-of-a-kind.

Lot 236

Peter Mueller

Peter Müller was born in 1952 near Lucerne, Switzerland. Following professional training in international banking he commenced a brilliant career in that field only to later be lured by the appeal of international travel—which lead him to live in Brazil in 1979. A chance encounter with a Brazilian carver of birds in 1984 inspired him to change his life's work. He established a workshop in semi-precious stone carvings that same year. His works are rich in unexpected beauty and surprising details. Naturally, no two carvings are identical. They are life-like reproductions of birds from the tropics and the Northern Hemisphere, hand-fabricated from natural colored

precious stones from all over the world. The bases are hand-picked by Peter from several tons of rough, including Brazilian tourmalines and quartzes from eleven different mines, as well as many other rare minerals from his adopted country. Familiar with the work of Idar-Oberstein carvers since his childhood, Peter has made annual trips there over the last twenty years to learn new carving techniques. These skills are then imparted to his crew of carvers in Brazil, now considered to be the best trained craftsmen in that country. Peter Müller's lapidary work has been the subject of a number of articles including: *Rock and Gem Magazine*, May 2000 and *Wildlife Art Magazine*, March/April 2002.

Lots 197, 198, 202, 204

Georg Wild

The name of Wild has a long history in the Idar-Oberstein lapidary field. The art of carving and engraving has been practiced in this family for over one hundred years. In 1839, one member of the family went to Paris to learn the art of cameo cutting. Another, Johann Karl Wild IX worked in St. Petersburg as a jeweler and engraver in the Fabergé workshops in Czarist Russia. Upon returning to Idar-Oberstein he founded his own enterprise from which sprang the firm of Georg O. Wild. Georg O. Wild was born in Idar-Oberstein on January 22, 1894. Inheriting his father's talent for engraving cameo cutting and carving stones, he started his own firm in 1921. Large numbers of his sculptures are now exhibited in the Idar-Oberstein museum and in various museums across the United States. Not only was he a gemstone carver, his gemological knowledge was equally considerable. In the United States he became particularly well-known for creating reproductions of Audobon birds in semi-precious stones. In France he executed some commissions in behalf of artist Georges Braque. Much of the carving of his animal figures was done by Wild himself, others by his assistants working in his atelier directly under his guidance. He died on November 23, 1975 at the age of 81. His business is now continued by his son, Klaus Eberhard Wild and by Manfred Weichel, his collaborator during his final years.

Lot 112**Ken Williams**

A Master Blacksmith based in Washington State, Ken Williams, is dedicated to balancing formal beauty with the raw power of the metal-working process. He states: "I began working with iron many years ago. Today I enjoy the freedom of designing traditional or contemporary, forged or fabricated projects. As a metalsmith, the real joy starts when the iron in the forge turns to a bright yellow-orange. It's character totally changes and in this claylike state it can be transformed into any conceivable texture, shape, and form."

Ken Williams creates fine architectural, sculptural and functional forgings using the time honored traditions of the blacksmith and the creativity as an artist. He has forged projects from pure iron, wrought iron and modern steels as well as non-ferrous metals such as bronze, brass, copper and aluminum for ornamental work. These forged metals take shape as furniture, lighting, fireplaces, railings or gifts for interior or exterior locations.

Lot 109

OFFSITE SOLD PROPERTY STORAGE INFORMATION

Please note that all lots listed at the beginning of our printed catalog, if not removed immediately after the sale, will be transferred to a nearby storage facility. For the convenience of the successful bidder of one or more of these lots, all purchased lots will be transferred to our offsite storage together. Please read the Conditions of Sale regarding the removal of sold lots.

Bonhams' storage and logistics partner is Box Brothers, a well-known organization that specializes in crating, packaging and shipping.

Our storage and logistics partnership provides several beneficial services. The first being 5 days of free storage.

LOTS TO BE REMOVED TO STORAGE:

7	161	199
31	164	202
45	169	235
92	175	259
95	181	321
109	185	322
113	186	323
115	187	324
160	193	325

- During this auction, clients will be expected to pick up all property from Bonhams by 5pm on Friday December 9, 2016.
- All items listed at the beginning of our printed catalog, along with all other items purchased, if not removed immediately after the sale, will be transferred to Box Brothers warehouse. With an appointment made 24 hours in advance, clients can pick up their property at 220 W. Ivy Ave, Unit C in Inglewood.
- Box Brothers will charge an uplift fee to transport your items to their warehouse. Small items that can be handled easily by one person will be charged \$50. Larger items that can still be handled by one person will be charged \$85. Large items that require two people to handle will be charged \$100. Charges will be payable directly to Box Brothers. Should you choose to have Box Brothers ship or deliver your property, this uplift fee will be waived.
- Clients will have 5 days of free storage to retrieve their property or make arrangements with Box Brothers to pack and ship their property. Storage fees will begin to accrue on the 6th day of storage.
- Retrieval from the offsite warehouse is by appointment only. Clients must call 24 hours in advance. Clients can utilize the delivery services offered by Box Brothers or clients may make their own arrangements. Please call +1 (800) 474-7447.
- Box Brothers is available to ship internationally. They offer importing and exporting services. Clients can select either airfreight or ocean cargo delivery options, which range from door-to-port, door-to-airport with door-to-door service also available. Clients can ship one item, co-load or container load at a discounted rate through Box Brothers. Please call +1 (800) 474-7447 for more information.
- All purchases not designated for offsite storage will remain onsite at Bonhams for a period of 21 days beginning the date of the auction. During this 21 day period, clients may remove such property themselves, make arrangements with the Bonhams packaging and shipping department or provide their own shipper for removal of all property. If a client does not retrieve his/her property or finalize shipping arrangements within 21 days, the purchases will be removed to the offsite storage facility of Box Brothers. Again, uplift charges for packing and transport from our gallery to Box Brothers will be charged by Box Brothers.
- Payment of the hammer price, premium and any applicable sales taxes must be made directly to Bonhams prior to the release of property. Any removal, storage or other fees due to Box Brothers should be made directly to Box Brothers.
- Change of shipping address must be authorized by Bonhams Revenue Manager, Martin Romero, before Box Brothers will be permitted to re-route your purchases.

THE ELEGANT HOME

February 27, 2017

Los Angeles

Consignments now invited

INQUIRIES

+1 (323) 436 5432

andrew.jones@bonhams.com

A HIGHLY IMPORTANT ITALIAN CARVED MARBLE FIGURAL GROUP: SHOOTING STARS

VITTORIO CARADOSSI
(ITALIAN, 1861-1918)

Late 19th century

Sold for \$250,000



Bonhams

**IMPORTANT MARITIME
PAINTINGS AND
DECORATIVE ARTS**

January 2017
New York

MONTAGUE DAWSON (BRITISH, 1890-1973)

The Flying Clipper, *Sir Lancelot*
signed lower left "Montague Dawson"
oil on canvas
24 x 36 in. (60.9 x 91.4 cm.)
Sold for \$106,250.00

ENQUIRIES

Gregg K. Dietrich
+1 917 206 1695
maritime.us@bonhams.com

Deadline for consignments
Wednesday 2 November 2016



Bonhams

CONDITIONS OF SALE

The following Conditions of Sale, as amended by any published or posted notices or verbal announcements during the sale, constitute the entire terms and conditions on which property listed in the catalog shall be offered for sale or sold by Bonhams & Butterfields Auctioneers Corp. and any consignor of such property for whom we act as agent. If live online bidding is available for the subject auction, additional terms and conditions of sale relating to online bidding will apply; see www.bonhams.com/WebTerms for the supplemental terms. As used herein, "Bonhams," "we" and "us" refer to Bonhams & Butterfields Auctioneers Corp.

1. As used herein, the term "bid price" means the price at which a lot is successfully knocked down to the purchaser. The term "purchase price" means the aggregate of (a) the bid price, (b) a PREMIUM retained by us and payable by the purchaser EQUAL TO 25% OF THE FIRST \$150,000 OF THE BID PRICE, 20% OF THE AMOUNT OF THE BID PRICE ABOVE \$150,000 UP TO AND INCLUDING \$3,000,000, AND 12% OF THE AMOUNT OF THE BID PRICE OVER \$3,000,000, and (c) unless the purchaser is exempt by law from the payment thereof, any Arizona, California, Colorado, Connecticut, Florida, Georgia, Illinois, Massachusetts, Nevada, New Jersey, New York, Pennsylvania, Texas, Virginia, Washington, D.C., Washington state, or other state or local sales tax (or compensating use tax) and other applicable taxes.

2. On the fall of the auctioneer's hammer, the highest bidder shall have purchased the offered lot in accordance and subject to compliance with all of the conditions set forth herein and (a) assumes full risk and responsibility therefor, (b) if requested will sign a confirmation of purchase, and (c) will pay the purchase price in full or such part as we may require for all lots purchased. No lot may be transferred. Any person placing a bid as agent on behalf of another (whether or not such person has disclosed that fact or the identity of the principal) may be jointly and severally liable with the principal under any contract resulting from the acceptance of a bid.

Unless otherwise agreed, payment in good funds is due and payable within five (5) business days following the auction sale. Whenever the purchaser pays only a part of the total purchase price for one or more lots purchased, we may apply such payments, in our sole discretion, to the lot or lots we choose. Payment will not be deemed made in full until we have collected good funds for all amounts due.

Payment for purchases may be made in or by (a) cash, (b) cashier's check or money order, (c) personal check with approved credit drawn on a U.S. bank, (d) wire transfer or other immediate bank transfer, or (e) Visa, MasterCard, American Express or Discover credit, charge or debit card. A processing fee will be assessed on any returned checks. Please note that the amount of cash notes and cash equivalents that can be accepted from a given purchaser may be limited.

The purchaser grants us a security interest in the property, and we may retain as collateral security for the purchaser's obligations to us, any property and all monies held or received by us for the account of the purchaser, in our possession. We retain all rights of a secured party under the California Commercial Code. If the foregoing conditions or any other applicable conditions herein are not complied with, in addition to other remedies available to us and the consignor by law, including without limitation, the right to hold the purchaser liable for the purchase price, we at our option may either (a) cancel the sale, retaining as liquidated damages all payments made by the purchaser or (b) resell the property, either publicly or privately, and in such

event the purchaser shall be liable for the payment of any deficiency plus all costs and expenses of both sales, our commission at our standard rates, all other charges due hereunder, attorneys' fees, expenses and incidental damages. In addition, where two or more amounts are owed in respect of different transactions by the purchaser to us, to Bonhams 1793 Limited and/or to any of our other affiliates, subsidiaries or parent companies worldwide within the Bonhams Group, we reserve the right to apply any monies paid in respect of a transaction to discharge any amount owed by the purchaser. If all fees, commissions, premiums, bid price and other sums due to us from the purchaser are not paid promptly as provided in these Conditions of Sale, we reserve the right to impose a finance charge equal to 1.5% per month on all amounts due to us beginning on the 31st day following the sale until payment is received, in addition to other remedies available to us by law.

3. We reserve the right to withdraw any property and to divide and combine lots at any time before such property's auction. Unless otherwise announced by the auctioneer at the time of sale, all bids are per lot as numbered in the catalog and no lots shall be divided or combined for sale.

4. We reserve the right to reject a bid from any bidder, to split any bidding increment, and to advance the bidding in any manner the auctioneer may decide. In the event of any dispute between bidders, or in the event the auctioneer doubts the validity of any bid, the auctioneer shall have sole and final discretion either to determine the successful bidder or to re-offer and resell the article in dispute. If any dispute arises after the sale, our sales records shall be conclusive in all respects.

5. If we are prevented by fire, theft or any other reason whatsoever from delivering any property to the purchaser or a sale otherwise cannot be completed, our liability shall be limited to the sum actually paid therefor by the purchaser and shall in no event include any compensatory, incidental or consequential damages.

6. If a lot is offered subject to a reserve, we may implement such reserve by bidding on behalf of the consignor, whether by opening bidding or continuing bidding in response to other bidders until reaching the reserve. If we have an interest in an offered lot and the proceeds therefrom other than our commissions, we may bid therefor to protect such interest. **CONSIGNORS ARE NOT ALLOWED TO BID ON THEIR OWN ITEMS.**

7. All statements contained in the catalog or in any bill of sale, condition report, invoice or elsewhere as to authorship, period, culture, source, origin, measurement, quality, rarity, provenance, importance, exhibition and literature of historical relevance, or physical condition **ARE QUALIFIED STATEMENTS OF OPINION AND NOT REPRESENTATIONS OR WARRANTIES.** No employee or agent of Bonhams is authorized to make on our behalf or on that of the consignor any representation or warranty, oral or written, with respect to any property.

8. All purchased property shall be removed from the premises at which the sale is conducted by the date(s) and time(s) set forth in the "Buyer's Guide" portion of this catalog. Property designated with a "W" and associated purchased lots, if not removed promptly following sale, will be transferred to an offsite warehouse at the purchaser's risk and expense, as set forth in more detail in the "Buyer's Guide." Purchased property that is permitted to remain onsite at Bonhams' facility should be removed at the purchaser's expense not later than 5:00 p.m. Pacific Time five (5) business days following the date of the sale. If not so removed, a storage fee of \$5.00 per lot per day will be payable to us by the purchaser beginning at the close

of the 21st day following the sale, and we may thereafter transfer such property to an offsite warehouse at the purchaser's risk and expense. Accounts must be settled in full before property will be released. Packing and handling of purchased lots are the responsibility of the purchaser. Bonhams can provide packing and shipping services for certain items as noted in the "Buyer's Guide" section of the catalog.

9. The copyright in the text of the catalog and the photographs, digital images and illustrations of lots in the catalog belong to Bonhams or its licensors. You will not reproduce or permit anyone else to reproduce such text, photographs, digital images or illustrations without our prior written consent.

10. These Conditions of Sale shall bind the successors and assigns of all bidders and purchasers and inure to the benefit of our successors and assigns. No waiver, amendment or modification of the terms hereof (other than posted notices or oral announcements during the sale) shall bind us unless specifically stated in writing and signed by us. If any part of these Conditions of Sale is for any reason invalid or unenforceable, the rest shall remain valid and enforceable.

11. These Conditions of Sale and the purchaser's and our respective rights and obligations hereunder are governed by the laws of the State of California. By bidding at an auction, each purchaser and bidder agrees to be bound by these Conditions of Sale. Any dispute, controversy or claim arising out of or relating to this agreement, or the breach, termination or validity thereof, brought by or against Bonhams (but not including claims brought against the consignor by the purchaser of lots consigned hereunder) shall be resolved by the procedures set forth below.

MEDIATION AND ARBITRATION PROCEDURES

(a) Within 30 days of written notice that there is a dispute, the parties or their authorized and empowered representatives shall meet by telephone and/or in person to mediate their differences. If the parties agree, a mutually acceptable mediator shall be selected and the parties will equally share such mediator's fees. The mediator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling mediations. Any communications made during the mediation process shall not be admissible in any subsequent arbitration, mediation or judicial proceeding. All proceedings and any resolutions thereof shall be confidential, and the terms governing arbitration set forth in paragraph (c) below shall govern.

(b) If mediation does not resolve all disputes between the parties, or in any event no longer than 60 days after receipt of the written notice of dispute referred to above, the parties shall submit the dispute for binding arbitration before a single neutral arbitrator. Such arbitrator shall be a retired judge or an attorney familiar with commercial law and trained in or qualified by experience in handling arbitrations. Such arbitrator shall make all appropriate disclosures required by law. The arbitrator shall be drawn from a panel of a national arbitration service agreed to by the parties, and shall be selected as follows: (i) If the national arbitration service has specific rules or procedures, those rules or procedures shall be followed; (ii) If the national arbitration service does not have rules or procedures for the selection of an arbitrator, the arbitrator shall be an individual jointly agreed to by the parties. If the parties cannot agree on a national arbitration service, the arbitration shall be conducted by the American Arbitration Association, and the arbitrator shall be selected in accordance with the Rules of the

CONDITIONS OF SALE - CONTINUED

American Arbitration Association. The arbitrator's award shall be in writing and shall set forth findings of fact and legal conclusions.

(c) Unless otherwise agreed to by the parties or provided by the published rules of the national arbitration service:

(i) the arbitration shall occur within 60 days following the selection of the arbitrator;

(ii) the arbitration shall be conducted in the designated location, as follows: (A) in any case in which the subject auction by Bonhams took place or was scheduled to take place in the State of New York or Connecticut or the Commonwealth of Massachusetts, the arbitration shall take place in New York City, New York; (B) in all other cases, the arbitration shall take place in the city of San Francisco, California; and

(iii) discovery and the procedure for the arbitration shall be as follows:

(A) All arbitration proceedings shall be confidential;

(B) The parties shall submit written briefs to the arbitrator no later than 15 days before the arbitration commences;

(C) Discovery, if any, shall be limited as follows: (I) Requests for no more than 10 categories of documents, to be provided to the requesting party within 14 days of written request therefor; (II) No more than two (2) depositions per party, provided however, the deposition(s) are to be completed within one (1) day; (III) Compliance with the above shall be enforced by the arbitrator in accordance with California law;

(D) Each party shall have no longer than eight (8) hours to present its position. The entire hearing before the arbitrator shall not take longer than three (3) consecutive days;

(E) The award shall be made in writing no more than 30 days following the end of the proceeding. Judgment upon the award rendered by the arbitrator may be entered by any court having jurisdiction thereof.

To the fullest extent permitted by law, and except as required by applicable arbitration rules, each party shall bear its own attorneys' fees and costs in connection with the proceedings and shall share equally the fees and expenses of the arbitrator.

LIMITED RIGHT OF RESCISSION

If within one (1) year from the date of sale, the original purchaser (a) gives written notice to us alleging that the identification of Authorship (as defined below) of such lot as set forth in the **BOLD TYPE** heading of the catalog description of such lot (as amended by any saleroom notices or verbal announcements during the sale) is not substantially correct based on a fair reading of the catalog (including the terms of any glossary contained therein), and (b) within 10 days after such notice returns the lot to us in the same condition as at the time of sale, and (c) establishes the allegation in the notice to our satisfaction (including by providing one or more written opinions by recognized experts in the field, as we may reasonably require), then the sale of such lot will be rescinded and, unless we have already paid to the consignor monies owed him in connection with the sale, the original purchase price will be refunded.

If, prior to receiving such notice from the original purchaser alleging such defect, we have paid the consignor monies owed him in connection with the sale, we shall pay the original purchaser the amount of our commissions, any other sale proceeds to which we are entitled and applicable taxes received from the purchaser on the sale and make demand on the consignor to pay the balance of the original purchase price to the original purchaser. Should the consignor fail to pay such amount promptly, we may disclose the identity of the consignor and assign to the original purchaser our rights against the consignor with respect to the lot the sale of which is sought to be rescinded. Upon such disclosure and assignment, any liability of Bonhams as consignor's agent with respect to said lot shall automatically terminate.

The foregoing limited right of rescission is available to the original purchaser only and may not be assigned to or relied upon by any subsequent transferee of the property sold. The purchaser hereby accepts the benefit of the consignor's warranty of title and other representations and warranties made by the consignor for the purchaser's benefit. Nothing in this section shall be construed as an admission by us of any representation of fact, express or implied, obligation or responsibility with respect to any lot. **THE PURCHASER'S SOLE AND EXCLUSIVE**

REMEDY AGAINST BONHAMS FOR ANY REASON WHATSOEVER IS THE LIMITED RIGHT OF RESCISSION DESCRIBED IN THIS SECTION.

"Authorship" means only the identity of the creator, the period, culture and source or origin of the lot, as the case may be, as set forth in the **BOLD TYPE** heading of the print catalog entry. The right of rescission does not extend to: (a) works of art executed before 1870 (unless these works are determined to be counterfeits created since 1870), as this is a matter of current scholarly opinion which can change; (b) titles, descriptions, or other identification of offered lots, which information normally appears in lower case type below the **BOLD TYPE** heading identifying the Authorship; (c) Authorship of any lot where it was specifically mentioned that there exists a conflict of specialist or scholarly opinion regarding the Authorship of the lot at the time of sale; (d) Authorship of any lot which as of the date of sale was in accordance with the then generally-accepted opinion of scholars and specialists regarding the same; or (e) the identification of periods or dates of creation in catalog descriptions which may be proven inaccurate by means of scientific processes that are not generally accepted for use until after publication of the catalog in which the property is offered or that were unreasonably expensive or impractical to use at the time of such publication.

LIMITATION OF LIABILITY

EXCEPT AS EXPRESSLY PROVIDED ABOVE, ALL PROPERTY IS SOLD "AS IS." NEITHER BONHAMS NOR THE CONSIGNOR MAKES ANY REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, AS TO THE MERCHANTABILITY, FITNESS OR CONDITION OF THE PROPERTY OR AS TO THE CORRECTNESS OF DESCRIPTION, GENUINENESS, ATTRIBUTION, PROVENANCE OR PERIOD OF THE PROPERTY OR AS TO WHETHER THE PURCHASER ACQUIRES ANY COPYRIGHTS OR OTHER INTELLECTUAL PROPERTY RIGHTS IN LOTS SOLD OR AS TO WHETHER A WORK OF ART IS SUBJECT TO THE ARTIST'S MORAL RIGHTS OR OTHER RESIDUAL RIGHTS OF THE ARTIST. THE PURCHASER EXPRESSLY ACKNOWLEDGES AND AGREES THAT IN NO EVENT SHALL BONHAMS BE LIABLE FOR ANY DAMAGES INCLUDING, WITHOUT LIMITATION, ANY COMPENSATORY, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SELLER'S GUIDE

SELLING AT AUCTION

Bonhams can help you every step of the way when you are ready to sell art, antiques and collectible items at auction. Our regional offices and representatives throughout the US are available to service all of your needs. Should you have any further questions, please visit our website at www.bonhams.com/us for more information or call our Client Services Department at +1 (800) 223 2854 ext. 23550.

AUCTION ESTIMATES

The first step in the auction process is to determine the auction value of your property. Bonhams' world-renowned specialists will evaluate your special items at no charge and in complete confidence. You can obtain an auction estimate in many ways:

- Attend one of our Auction Appraisal Events held regularly at our galleries and in other major metropolitan areas. The updated schedule for Bonhams Auction Appraisal Events is available at www.bonhams.com/us.
- Call our Client Services Department to schedule a private appointment at one of our galleries. If you have a large collection, our specialists can travel, by appointment, to evaluate your property on site.
- Send clear photographs to us of each individual item, including item dimensions and other pertinent information with each picture. Photos should be sent to Bonhams' address in envelopes marked

as "photo auction estimate". Alternatively, you can submit your request using our online form at www.bonhams.com/us. Digital images may be attached to the form. Please limit your images to no more than five (5) per item.

CONSIGNING YOUR PROPERTY

After you receive an estimate, you may consign your property to us for sale in the next appropriate auction. Our staff assists you throughout the process, arranging transportation of your items to our galleries (at the consignor's expense), providing a detailed inventory of your consignment, and reporting the prices realized for each lot. We provide secure storage for your property in our warehouses and all items are insured throughout the auction process. You will receive payment for your property approximately 35 days after completion of sale.

Sales commissions vary with the potential auction value of the property and the particular auction in which the property is offered. Please call us for commission rates.

PROFESSIONAL APPRAISAL SERVICES

Bonhams' specialists conduct insurance and fair market value appraisals for private collectors, corporations, museums, fiduciaries and government entities on a daily basis. Insurance appraisals, used for insurance purposes, reflect the cost of replacing property in today's retail market. Fair market value appraisals are used for estate,

tax and family division purposes and reflect prices paid by a willing buyer to a willing seller.

When we conduct a private appraisal, our specialists will prepare a thorough inventory listing of all your appraised property by category. Valuations, complete descriptions and locations of items are included in the documentation.

Appraisal fees vary according to the nature of the collection, the amount of work involved, the travel distance, and whether the property is subsequently consigned for auction.

Our appraisers are available to help you anywhere and at any time. Please call our Client Services Department to schedule an appraisal.

ESTATE SERVICES

Since 1865, Bonhams has been serving the needs of fiduciaries – lawyers, trust officers, accountants and executors – in the disposition of large and small estates. Our services are specially designed to aid in the efficient appraisal and disposition of fine art, antiques, jewelry, and collectibles. We offer a full range of estate services, ranging from flexible financial terms to tailored accounting for heirs and their agents to world-class marketing and sales support.

For more information or to obtain a detailed Trust and Estates package, please visit our website at www.bonhams.com/us or contact our Client Services Department.

BUYER'S GUIDE

BIDDING & BUYING AT AUCTION

Whether you are an experienced bidder or an enthusiastic novice, auctions provide a stimulating atmosphere unlike any other. Bonhams previews and sales are free and open to the public. As you will find in these directions, bidding and buying at auction is easy and exciting. Should you have any further questions, please visit our website at www.bonhams.com or call our Client Services Department at +1 (800) 223 2854 ext. 23550.

Catalogs

Before each auction we publish illustrated catalogs that include dates and times for previews and auctions. Our catalogs also provide descriptions and estimated values for each "lot." A lot may refer to a single item or to a group of items auctioned together. We offer our catalogs by subscription or by single copy. For information on subscribing to our catalogs, you may refer to the subscription form in this catalog, call our Client Services Department, or visit our website at www.bonhams.com/us.

Previews

Auction previews are your chance to inspect each lot prior to the auction. We encourage you to look closely and examine each object on which you may want to bid so that you will know as much as possible about it. Items are sold "as is" and with all faults; illustrations in our catalogs, website and other materials are provided for identification only. At the previews, our staff is always available to answer your questions and guide you through the auction process. Condition reports may be available upon request.

Estimates

Bonhams catalogs include estimates for each lot, exclusive of buyer's premium and tax. The estimates are provided as an approximate guide to current market value and should not be interpreted as a representation or prediction of actual selling prices. They are determined well in advance of a sale and are subject to revision. Please contact us should you have any questions about value estimates.

Reserves

All lots in a catalog are subject to a reserve unless otherwise indicated. The reserve is the minimum price that the seller is willing to accept for a lot. This amount is confidential and does not exceed the low estimated value.

BIDDING AT AUCTION

At Bonhams, you can bid in many ways: in person, via absentee bid, over the phone, or via Bonhams' online bidding facility. Absentee bids can be submitted in person, online, via fax or via email.

A valid Bonhams client account is required to participate in bidding activity. You can obtain registration information online, at the reception desk or by calling our Client Services Department.

By bidding at auction, whether in person or by agent, by absentee bid, telephone, online or other means, the buyer or bidder agrees to be bound by the Conditions of Sale.

Lots are auctioned in consecutive numerical order as they appear in the catalog. Bidding normally begins below the low estimate. The auctioneer will accept bids from interested parties present in the saleroom, from telephone bidders, and from absentee bidders who have left written bids in advance of the sale. The auctioneer may also execute bids on behalf of the consignor up to the amount of the reserve, but never above it.

We assume no responsibility for failure to execute bids for any reason whatsoever.

In Person

If you are planning to bid at auction, you will need to register at the reception desk in order to receive a numbered bid card. To place a bid, hold up your card so that the auctioneer can clearly see it. Decide on the maximum amount that you wish to pay, exclusive of buyer's premium and tax, and continue bidding until your bid prevails or you reach your limit. If you are the successful bidder on a lot, the auctioneer will acknowledge your paddle number and bid amount.

Absentee Bids

As a service to those wishing to place bids, we may at our discretion accept bids without charge in advance of sale by telephone, by facsimile or in writing on bidding forms available from us. "Buy" bids will not be accepted; all bids must state the highest bid price the bidder is willing to pay. Our auction staff

will try to bid just as you would, with the goal of obtaining the item at the lowest bid price possible. In the event identical bids are submitted, the earliest bid submitted will take precedence. Absentee bids shall be executed in competition with other absentee bids, any applicable reserve, and bids from other auction participants. A friend or agent may place bids on your behalf, provided that we have received your written authorization prior to the sale. Absentee bid forms are available in our catalogs, online at www.bonhams.com/us, and at our San Francisco, Los Angeles and New York galleries.

By Telephone

Under special circumstances, we can arrange for you to bid by telephone. To arrange for a telephone bid, please contact our Client Services Department a minimum of 24 hours prior to the sale.

Online

Web users may place absentee bids online from anywhere in the world. To bid online, please visit our website at www.bonhams.com/us.

We are pleased to make our live online bidding facility available to bidders in this sale.

Additional terms and conditions of sale relating to online bidding will apply. Please see www.bonhams.com/23448 or contact the Client Services Department to obtain information and learn how you can register and bid online in this sale.

Bid Increments

Bonhams generally uses the following increment multiples as bidding progresses:

\$50-200	by \$10s
\$200-500	by \$20/50/80s
\$500-1,000	by \$50s
\$1,000-2,000	by \$100s
\$2,000-5,000	by \$200/500/800s
\$5,000-10,000	by \$500s
\$10,000-20,000	by \$1,000s
\$20,000-50,000	by \$2,000/5,000/8,000s
\$50,000-100,000	by \$5,000s
\$100,000-200,000	by \$10,000s
above \$200,000	at auctioneer's discretion

The auctioneer may split or reject any bid at any time at his or her discretion as outlined in the Conditions of Sale.

Currency Converter

Solely for the convenience of bidders, a currency converter may be provided at Bonhams sales. The rates quoted for conversion of other currencies to U.S. Dollars are indications only and should not be relied upon by a bidder, and neither Bonhams nor its agents shall be responsible for any errors or omissions in the operation or accuracy of the currency converter.

Buyer's Premium

A buyer's premium is added to the winning bid price of each individual lot purchased, at the rates set forth in the Conditions of Sale. The winning bid price plus the premium constitute the purchase price for the lot. Applicable sales taxes are computed based on this figure, and the total becomes your final purchase price.

Unless specifically illustrated and noted, fine art frames are not included in the estimate or purchase price. Bonhams accepts no liability for damage or loss to frames during storage or shipment.

All sales are final and subject to the Conditions of Sale found in our catalogs, on our website, and available at the reception desk.

Payment

All buyers are asked to pay and pick up by 3pm on the business day following the auction. Payment may be made to Bonhams by cash, checks drawn on a U.S. bank, money order, wire transfer, or by Visa, MasterCard, American Express or Discover credit or charge card or debit card. All items must be paid for within 5 business days of the sale. Please note that payment by personal or business check may result in property not being released until purchase funds clear our bank.

Sales Tax

Residents of states listed in Paragraph 1 of the Conditions of Sale must pay applicable sales tax. Other state or local taxes (or compensation use taxes) may apply. Sales tax will be automatically added to the invoice unless a valid resale number has been furnished or the property is shipped via

common carrier to destinations outside the states listed in the Conditions of Sale. If you wish to use your resale license please contact Cashiers for our form.

Shipping & Removal

Buyers are to review the Offsite Sold Property Storage page for a list of lots that will be removed to the offsite warehouse of Box Brothers. These designated lots must be retrieved by the buyer prior to the day and time designated on the Offsite Sold Property Storage page. If buyers of these designated lots also buy other lots, such as decorations, rugs or works of art, these lots may also be removed to the warehouse of Box Brothers, so all lots remain together and customers can collect or ship from one location. All other items will remain at Bonhams for a period of 21 days, after which time they may be transferred to offsite storage. Wine, Jewelry, Natural History, Collectibles, 20th Century Decorative Arts, Rugs, Native American Art, Tribal Art and most Arms & Armor auctions are not included in this policy.

Box Brothers San Leandro (for San Francisco auctions only)
1471 Doolittle Drive, San Leandro, CA 94577
Tel (800) 942 6822; Fax (510) 628 8454

Box Brothers Los Angeles (for Los Angeles auctions only)
220 W. Ivy Ave, Unit C, Inglewood, Ca 90302
+1 (310) 419 9915 or +1 (800) 474 7447

Box Brothers is open Monday-Friday 8am-5pm with Saturday and Sunday hours available. Buyers must contact Box Brothers 24 hours in advance of pickup. Appointments are required.

Bonhams can accommodate shipping for certain items. Please contact our Cashiers Department for more information or to obtain a quote. Refer to Conditions of Sale for special terms governing the shipment of Arms and Wine. Shipments are made during weekday business hours up to four weeks after payment is received. Carriers are not permitted to deliver to P.O. Boxes.

International buyers are responsible for all import/export customs duties and taxes. An invoice stating the actual purchase price(s) will accompany all international purchases.

Simultaneous sale property collection notice:

If this sale previews in multiple cities, please see the title page for details regarding final location of property for collection.

Handling and Storage Charges

Please note: For sold lots removed to Box Brothers, there will be no post-sale storage charge for lots collected within 5 days from the sale date. For lots that remain at Bonhams, there will be no post-sale storage charge for lots collected within 21 days of the sale date. Handling fees may apply.

Lots uncollected at Bonhams after 21 days may be removed to the warehouse of Box Brothers. Handling and storage fees will apply.

Insurance: All sold lots are insured by Box Brothers at the sum of the hammer price plus buyer's premium.

Please refer to Box Brothers for a list of Handling, Storage and Insurance fees.

Payment

Payments for purchased lots must be made directly to Bonhams. Box Brothers will not release property to a buyer unless the buyer has paid Bonhams first. All charges for handling and storage due to Box Brothers must be paid by the time of collection from their warehouse. Please telephone Box Brothers at +1 (800) 474 7447 in advance to ascertain the amount due. **Lots will only be released from Box Brothers' warehouse with a "Release Order" obtained from the cashier's office at Bonhams.**

The removal/storage and/or shipment by Box Brothers of any lots will be subject to their standard Conditions of Business, copies of which are available at Bonhams or from Box Brothers directly.

Auction Results

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