

BICYCLE REPAIRMAN

by BRUCE STERLING

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Repeated tinny banging woke Lyle in his hammock. Lyle groaned, sat up, and slid free into the tool-crowded aisle of his bike shop.

Lyle hitched up the black elastic of his skintight shorts and plucked yesterday's grease-stained sleeveless off the workbench. He glanced blearily at his chronometer as he picked his way toward the door. It was 10:04.38 in the morning, June 27, 2037.

Lyle hopped over a stray can of primer and the floor boomed gently beneath his feet. With all the press of work, he'd collapsed into sleep without properly cleaning the shop. Doing custom enameling paid okay, but it ate up time like crazy. Working and living alone was wearing him out.

Lyle opened the shop door, revealing a long sheer drop to dusty tiling far below. Pigeons darted beneath the hull of his shop through a soot-stained hole in the broken atrium glass, and wheeled off to their rookery somewhere in the darkened guts of the high-rise.

More banging. Far below, a uniformed delivery kid stood by his cargo tricycle, yanking rhythmically at the long dangling string of Lyle's spot-welded doorknocker.

Lyle waved, yawning. From his vantage point below the huge girders of the cavernous atrium, Lyle had a fine overview of three burnt-out interior levels of the old Tsatanuga Archiplat. Once-elegant handrails and battered pedestrian overlooks fronted on the great airy cavity of the atrium. Behind the handrails was a three-floor wilderness of jury-rigged lights, chicken coops, water tanks, and squatters' flags. The fire-damaged floors, walls, and ceilings were riddled with handmade descent-chutes, long coiling staircases, and rickety ladders.

Lyle took note of a crew of Chattanooga demolition workers in their yellow detox suits. The repair crew was deploying vacuum scrubbers and a high-pressure hose-off by the vandal-proofed western elevators of Floor 34. Two or three days a week, the city crew meandered into the damage zone to pretend to work, with a great hypocritical show of sawhorses and barrier tape. The lazy sons of bitches were all on the take.

Lyle thumbed the brake switches in their big metal box by the flywheel. The bike shop slithered, with a subtle hiss of cable-clamps, down three stories, to dock with a grating crunch

onto four concrete-filled metal drums.

The delivery kid looked real familiar. He was in and out of the zone pretty often. Lyle had once done some custom work on the kid's cargo trike, new shocks and some granny-gearing as he recalled, but he couldn't remember the kid's name. Lyle was terrible with names. "What's up, zude?"

"Hard night, Lyle?"

"Just real busy."

The kid's nose wrinkled at the stench from the shop. "Doin' a lot of paint work, huh?" He glanced at his palmtop notepad. "You still taking deliveries for Edward Dertouzas?"

"Yeah. I guess so." Lyle rubbed the gear tattoo on one stubbled cheek. "If I have to."

The kid offered a stylus, reaching up. "Can you sign for him?"

Lyle folded his bare arms warily. "Naw, man, I can't sign for Deep Eddy. Eddy's in Europe somewhere. Eddy left months ago. Haven't seen Eddy in ages."

The delivery kid scratched his sweating head below his billed fabric cap. He turned to check for any possible sneak-ups by snatch-and-grab artists out of the squatter warrens. The government simply refused to do postal delivery on the Thirty-second, Thirty-third, and Thirty-fourth floors. You never saw many cops inside the zone, either. Except for the city demolition crew, about the only official functionaries who ever showed up in the zone were a few psychotically empathetic NAFTA social workers.

"I'll get a bonus if you sign for this thing." The kid gazed up in squint-eyed appeal. "It's gotta be worth something, Lyle. It's a really weird kind of routing, they paid a lot of money to send it just that way."

Lyle crouched down in the open doorway. "Let's have a look at it."

The package was a heavy shockproof rectangle in heat-sealed plastic shrink-wrap, with a plethora of intra-European routing stickers. To judge by all the overlays, the package had been passed from postal system to postal system at least eight times before officially arriving in the legal custody of any human being. The return address, if there had ever been one, was completely obscured. Someplace in France, maybe.

Lyle held the box up two-handed to his ear and shook it. Hardware.

"You gonna sign, or not?"

"Yeah." Lyle scratched illegibly at the little signature panel, then looked at the delivery trike. "You oughta get that front wheel trued."

The kid shrugged. "Got anything to send out today?"

"Naw," Lyle grumbled, "I'm not doing mail-order repair work anymore; it's too complicated and I get ripped off too much."

"Suit yourself." The kid clambered into the recumbent seat of his trike and pedaled off across the heat-cracked ceramic tiles of the atrium plaza.

Lyle hung his hand-lettered OPEN FOR BUSINESS sign outside the door. He walked to his left, stamped up the pedaled lid of a jumbo garbage can, and dropped the package in with the rest

of Dertouzas's stuff.

The can's lid wouldn't close. Deep Eddy's junk had finally reached critical mass. Deep Eddy never got much mail at the shop from other people, but he was always sending mail to himself. Big packets of encrypted diskettes were always arriving from Eddy's road jaunts in Toulouse, Marseilles, Valencia, and Nice. And especially Barcelona. Eddy had sent enough gigabyte-age out of Barcelona to outfit a pirate data-haven.

Eddy used Lyle's bike shop as his safety-deposit box. This arrangement was okay by Lyle. He owed Eddy; Eddy had installed the phones and virching in the bike shop, and had also wangled the shop's electrical hookup. A thick elastic curly-cable snaked out the access-crawlspace of Floor 35, right through the ceiling of Floor 34, and directly through a ragged punch-hole in the aluminum roof of Lyle's cable-mounted mobile home. Some unknown contact of Eddy's was paying the real bills on that electrical feed. Lyle cheerfully covered the expenses by paying cash into an anonymous post-office box. The setup was a rare and valuable contact with the world of organized authority.

During his stays in the shop, Eddy had spent much of his time buried in marathon long-distance virtuality sessions, swaddled head to foot in lumpy strap-on gear. Eddy had been painfully involved with some older woman in Germany. A virtual romance in its full-scale thumping, heaving, grappling progress, was an embarrassment to witness. Under the circumstances, Lyle wasn't too surprised that Eddy had left his parents' condo to set up in a squat.

Eddy had lived in the bicycle repair shop, off and on, for almost a year. It had been a good deal for Lyle, because Deep Eddy had enjoyed a certain clout and prestige with the local squatters. Eddy had been a major organizer of the legendary Chattanooga Wende of December '35, a monster street-party that had climaxed in a spectacular looting-and-arson rampage that had torched the three floors of the Archiplat.

Lyle had gone to school with Eddy and had known him for years; they'd grown up together in the Archiplat. Eddy Dertouzas was a deep zude for a kid his age, with political contacts and heavy-duty network connections. The squat had been a good deal for both of them, until Eddy had finally coaxed the German woman into coming through for him in real life. Then Eddy had jumped the next plane to Europe.

Since they'd parted friends, Eddy was welcome to mail his European data-junk to the bike shop. After all, the disks were heavily encrypted, so it wasn't as if anybody in authority was ever gonna be able to read them. Storing a few thousand disks was a minor challenge, compared to Eddy's complex, machine-assisted love life.

After Eddy's sudden departure, Lyle had sold Eddy's possessions, and wired the money to Eddy in Spain. Lyle had kept the screen TV, Eddy's mediator, and the cheaper virching helmet. The way Lyle figured it -- the way he remembered the deal -- any stray hardware of Eddy's in the shop was rightfully his, for disposal at his own discretion. By now it was pretty clear that Deep Eddy Dertouzas was never coming back to Tennessee. And Lyle had certain debts.

Lyle snicked the blade from a roadkit multitool and cut open Eddy's package. It contained, of all things, a television cable set-top box. A laughable infobahn antique. You'd never see a cablebox like that in NAFTA; this was the sort of primeval junk one might find in the home of a semiliterate Basque grandmother, or maybe in the armed bunker of some backward Albanian.

Lyle tossed the archaic cablebox onto the beanbag in front of the wallscreen. No time now for

irrelevant media toys; he had to get on with real life. Lyle ducked into the tiny curtained privy and urinated at length into a crockery jar. He scraped his teeth with a flossing spudger and misted some fresh water onto his face and hands. He wiped clean with a towelette, then smeared his armpits, crotch, and feet with deodorant.

Back when he'd lived with his mom up on Floor 41, Lyle had used old-fashioned antiseptic deodorants. Lyle had wised up about a lot of things once he'd escaped his mom's condo. Nowadays, Lyle used a gel roll-on of skin-friendly bacteria that greedily devoured human sweat and exuded as their metabolic by-product a pleasantly harmless reek rather like ripe bananas. Life was a lot easier when you came to proper terms with your microscopic flora.

Back at his workbench, Lyle plugged in the hot plate and boiled some Thai noodles with flaked sardines. He packed down breakfast with 400 cc's of Dr. Breasaire's Bioactive Bowel Putty. Then he checked last night's enamel job on the clamped frame in the workstand. The frame looked good. At three in the morning, Lyle was able to get into painted detail work with just the right kind of hallucinatory clarity.

Enameling paid well, and he needed the money bad. But this wasn't real bike work. It lacked authenticity. Enameling was all about the owner's ego -- that was what really stank about enameling. There were a few rich kids up in the penthouse levels who were way into "street aesthetic," and would pay good money to have some treadhead decorate their machine. But flash art didn't help the bike. What helped the bike was frame alignment and sound cable-housings and proper tension in the derailleurs.

Lyle fitted the chain of his stationary bike to the shop's flywheel, straddled up, strapped on his gloves and virching helmet, and did half an hour on the 2033 Tour de France. He stayed back in the pack for the uphill grind, and then, for three glorious minutes, he broke free from the *domestiques* in the *peloton* and came right up at the shoulder of Aldo Cipollini. The champion was a monster, posthuman. Calves like cinderblocks. Even in a cheap simulation with no full-impact bodysuit, Lyle knew better than to try to take Cipollini.

Lyle devirched, checked his heart-rate record on the chronometer, then dismounted from his stationary trainer and drained a half-liter squeezebottle of antioxidant carbo refresher. Life had been easier when he'd had a partner in crime. The shop's flywheel was slowly losing its storage of inertia power these days, with just one zude pumping it.

Lyle's disastrous second roommate had come from the biking crowd. She was a criterium racer from Kentucky named Brigitte Rohannon. Lyle himself had been a wannabe criterium racer for a while, before he'd blown out a kidney on steroids. He hadn't expected any trouble from Brigitte, because Brigitte knew about bikes, and she needed his technical help for her racer, and she wouldn't mind pumping the flywheel, and besides, Brigitte was lesbian. In the training gym and out at racing events, Brigitte came across as a quiet and disciplined little politicized treadhead person.

Life inside the zone, though, massively fertilized Brigitte's eccentricities. First, she started breaking training. Then she stopped eating right. Pretty soon the shop was creaking and rocking with all-night girl-on-girl hot-oil sessions, which degenerated into hooting pill-orgies with heavily tattooed zone chyx who played klaxonized bongo music and beat each other up, and stole Lyle's tools. It had been a big relief when Brigitte finally left the zone to shack up with some well-to-do admirer on Floor 37. The debacle had left Lyle's tenuous finances in ruin.

Lyle laid down a new tracery of scarlet enamel on the bike's chainstay, seat post and stem. He had to wait for the work to cure, so he left the workbench, picked up Eddy's set-topper and popped the shell with a hexkey. Lyle was no electrician, but the insides looked harmless enough: lots of bit-eating caterpillars and cheap Algerian silicon.

He flicked on Eddy's mediator, to boot the wallscreen. Before he could try anything with the cable-box, his mother's mook pounced upon the screen. On Eddy's giant wallscreen, the mook's waxy, computer-generated face looked like a plump satin pillowcase. Its bow-tie was as big as a racing shoe.

"Please hold for an incoming vidcall from Andrea Schweik of Carnac Instruments," the mook uttered unctuously.

Lyle cordially despised all low-down, phone-tagging, artificially intelligent mooks. For a while, in his teenage years, Lyle himself had owned a mook, an off-the-shelf shareware job that he'd installed in the condo's phone. Like most mooks, Lyle's mook had one primary role: dealing with unsolicited phone calls from other people's mooks. In Lyle's case these were the creepy mooks of career counselors, school psychiatrists, truancy cops, and other official hindrances. When Lyle's mook launched and ran, it appeared online as a sly warty dwarf that drooled green ichor and talked in a basso grumble.

But Lyle hadn't given his mook the properly meticulous care and debugging that such fragile little constructs demanded, and eventually his cheap mook had collapsed into artificial insanity.

Once Lyle had escaped his mom's place to the squat, he had gone for the low-tech gambit and simply left his phone unplugged most of the time. But that was no real solution. He couldn't hide from his mother's capable and well-financed corporate mook, which watched with sleepless mechanical patience for the least flicker of video dialtone off Lyle's number.

Lyle sighed and wiped the dust from the video nozzle on Eddy's mediator.

"Your mother is coming online right away," the mook assured him.

"Yeah, sure," Lyle muttered, smearing his hair into some semblance of order.

"She specifically instructed me to page her remotely at any time for an immediate response. She really wants to chat with you, Lyle."

"That's just great." Lyle couldn't remember what his mother's mook called itself. "Mr. Billy," or "Mr. Ripley," or something else really stupid...

"Did you know that Marco Cengialta has just won the Liege Summer Classic?"

Lyle blinked and sat up in the beanbag. "Yeah?"

"Mr. Cengialta used a three-spoked ceramic wheel with internal liquid weighting and buckyball hub-shocks." The mook paused, politely awaiting a possible conversational response. "He wore breathe-thru kevlar microlock cleatshoes," it added.

Lyle hated the way a mook cataloged your personal interests and then generated relevant conversation. The machine-made intercourse was completely unhuman and yet perversely interesting, like being grabbed and buttonholed by a glossy magazine ad. It had probably taken his mother's mook all of three seconds to snag and download every conceivable statistic about the summer race in Liege.

His mother came on. She'd caught him during lunch in her office. "Lyle?"

"Hi, Mom." Lyle sternly reminded himself that this was the one person in the world who might conceivably put up bail for him. "What's on your mind?"

"Oh, nothing much, just the usual." Lyle's mother shoved aside her platter of sprouts and tilapia. "I was idly wondering if you were still alive."

"Mom, it's a lot less dangerous in a squat than landlords and cops would have you believe. I'm perfectly fine. You can see that for yourself."

His mother lifted a pair of secretarial half-spex on a neck-chain, and gave Lyle the computer-assisted onceover.

Lyle pointed the mediator's lens at the shop's aluminum door. "See over there, Mom? I got myself a shock-baton in here. If I get any trouble from anybody, I'll just yank that club off the doormount and give the guy fifteen thousand volts!"

"Is that legal, Lyle?"

"Sure. The voltage won't kill you or anything, it just knocks you out a good long time. I traded a good bike for that shock-baton, it's got a lot of useful defensive features."

"That sounds really dreadful."

"The baton's harmless, Mom. You should see what the cops carry nowadays."

"Are you still taking those injections, Lyle?"

"Which injections?"

She frowned. "You know which ones."

Lyle shrugged. "The treatments are perfectly safe. They're a lot safer than a lifestyle of cruising for dates, that's for sure."

"Especially dates with the kind of girls who live down there in the riot zone, I suppose." His mother winced. "I had some hopes when you took up with that nice bike-racer girl. Brigitte, wasn't it? Whatever happened to her?"

Lyle shook his head. "Someone with your gender and background oughta understand how important the treatments are, Mom. It's a basic reproductive-freedom issue. Antilibidinals give you real freedom, freedom from the urge to reproduce. You should be glad I'm not sexually involved."

"I don't mind that you're not involved, Lyle, it's just that it seems like a real cheat that you're not even *interested*."

"But, Mom, nobody's interested in me, either. Nobody. No woman is banging at my door to have sex with a self-employed fanatical dropout bike mechanic who lives in a slum. If that ever happens, you'll be the first to know."

Lyle grinned cheerfully into the lens. "I had girlfriends back when I was in racing. I've been there, Mom. I've done that. Unless you're coked to the gills with hormones, sex is a major waste of your time and attention. Sexual Deliberation is the greatest civil-liberties movement of modern times."

"That's really weird, Lyle. It's just not natural."

"Mom, forgive me, but you're not the one to talk about natural, okay? You grew me from a zygote when you were fifty-five." He shrugged. "I'm too busy for romance now. I just want to learn about bikes."

"You were working with bikes when you lived here with me. You had a real job and a safe home where you could take regular showers."

"Sure, I was working, but I never said I wanted a *job*, Mom. I said I wanted to *learn about bikes*. There's a big difference! I can't be a loser wage-slave for some lousy bike franchise."

His mother said nothing.

"Mom, I'm not asking you for any favors. I don't need any bosses, or any teachers, or any landlords, or any cops. It's just me and my bike work down here. I know that people in authority can't stand it that a twenty-four-year-old man lives an independent life and does exactly what he wants, but I'm being very quiet and discreet about it, so nobody needs to bother about me."

His mother sighed, defeated. "Are you eating properly, Lyle? You look peaked."

Lyle lifted his calf muscle into camera range. "Look at this leg! Does that look like the gastrocnemius of a weak and sickly person?"

"Could you come up to the condo and have a decent meal with me sometime?"

Lyle blinked. "When?"

"Wednesday, maybe? We could have pork chops."

"Maybe, Mom. Probably. I'll have to check. I'll get back to you, okay? Bye." Lyle hung up.

Hooking the mediator's cable to the primitive set-top box was a problem, but Lyle was not one to be stymied by a merely mechanical challenge. The enamel job had to wait as he resorted to miniclamps and a cable cutter. It was a handy thing that working with modern brake cabling had taught him how to splice fiber optics.

When the set-top box finally came online, its array of services was a joke. Any decent modern mediator could navigate through vast information spaces, but the set-top box offered nothing but "channels." Lyle had forgotten that you could even obtain old-fashioned "channels" from the city fiber-feed in Chattanooga. But these channels were government-sponsored media, and the government was always quite a ways behind the curve in network development. Chattanooga's huge fiber-bandwidth still carried the ancient government-mandated "public access channels," spooling away in their technically fossilized obscurity, far below the usual gaudy carnival of popular virching, infobahnage, demo-splintered comboards, public-service rants, mudtrufflage, rem-snorkeling, and commercials.

The little set-top box accessed nothing but political channels. Three of them: Legislative, Judicial, and Executive. And that was the sum total, apparently. A set-top box that offered nothing but NAFTA political coverage. On the Legislative Channel there was some kind of parliamentary debate on proper land use in Manitoba. On the Judicial Channel, a lawyer was haranguing judges about the stock market for air-pollution rights. On the Executive Channel, a big crowd of hicks were idly standing around on windblown tarmac somewhere in Louisiana waiting for something to happen.

The box didn't offer any glimpse of politics in Europe or the Sphere or the South. There were no hotspots or pips or index tagging. You couldn't look stuff up or annotate it -- you just had to passively watch whatever the channel's masters chose to show you, whenever they chose to show it. This media setup was so insultingly lame and halt and primitive that it was almost perversely interesting. Kind of like peering through keyholes.

Lyle left the box on the Executive Channel, because it looked conceivable that something might actually happen there. It had swiftly become clear to him that the intolerably monotonous fodder on the other two channels was about as exciting as those channels ever got. Lyle retreated to his workbench and got back to enamel work.

At length, the President of NAFTA arrived and decamped from his helicopter on the tarmac in Louisiana. A swarm of presidential bodyguards materialized out of the expectant crowd, looking simultaneously extremely busy and icily unperturbable.

Suddenly a line of text flickered up at the bottom of the screen. The text was set in a very old-fashioned computer font, chalk-white letters with little visible jagged pixel-edges. *"Look at him hunting for that camera mark,"* the subtitle read as it scrolled across the screen. *"Why wasn't he briefed properly? He looks like a stray dog!"*

The President meandered amiably across the sun-blistered tarmac, gazing from side to side, and then stopped briefly to shake the eager outstretched hand of a local politician. *"That must have hurt,"* commented the text. *"That Cajun dolt is poison in the polls."* The President chatted amiably with the local politician and an elderly harridan in a purple dress who seemed to be the man's wife. *"Get him away from those losers!"* raged the subtitle. *"Get the Man up to the podium, for the love of Mike! Where's the Chief of Staff? Doped up on so-called smart drugs as usual? Get with your jobs, people!"*

The President looked well. Lyle had noticed that the President of NAFTA always looked well, it seemed to be a professional requirement. The big political cheeses in Europe always looked somber and intellectual, and the Sphere people always looked humble and dedicated, and the South people always looked angry and fanatical, but the NAFTA prez always looked like he'd just done a few laps in a pool and had a brisk rubdown. His large, glossy, bluffly cheerful face was discreetly stenciled with tattoos: both cheeks, a chorus line of tats on his forehead above both eyebrows, plus a few extra logos on his rocklike chin. A President's face was the ultimate billboard for major backers and interest groups.

"Does he think we have all day?" the text demanded. *"What's with this dead air time? Can't anyone properly arrange a media event these days? You call this public access? You call this informing the electorate? If we'd known the infobahn would come to this, we'd have never built the thing!"*

The President meandered amiably to a podium covered with ceremonial microphones. Lyle had noticed that politicians always used a big healthy cluster of traditional big fat microphones, even though nowadays you could build working microphones the size of a grain of rice.

"Hey, how y'all?" asked the President, grinning.

The crowd chorused back at him, with ragged enthusiasm.

"Let these fine folks up a bit closer," the President ordered suddenly, waving airily at his phalanx of bodyguards. "Y'all come on up closer, everybody! Sit right on the ground, we're all

just folks here today." The President smiled benignly as the sweating, straw-hatted summer crowd hustled up to join him, scarcely believing their luck.

"Marietta and I just had a heck of a fine lunch down in Opelousas," commented the President, patting his flat, muscular belly. He deserted the fiction of his official podium to energetically press the Louisianan flesh. As he moved from hand to grasping hand, his every word was picked up infallibly by an invisible mike, probably implanted in one of his molars. "We had dirty rice, red beans -- were they hot! -- and crawdads big enough to body-slam a Maine lobster!" He chuckled. "What a sight them mudbugs were! Can y'all believe that?"

The President's guards were unobtrusively but methodically working the crowd with portable detectors and sophisticated spex equipment. They didn't look very concerned by the President's supposed change in routine.

"I see he's gonna run with the usual genetics malarkey," commented the subtitle.

"Y'all have got a perfect right to be mighty proud of the agriculture in this state," intoned the President. "Y'all's agro-science know-how is second to none! Sure, I know there's a few pointy-headed Luddites up in the snowbelt, who say they prefer their crawdads dinky."

Everyone laughed.

"Folks, I got nothin' against that attitude. If some jasper wants to spend his hard-earned money buyin' and peelin' and shuckin' those little dinky ones, that's all right by me and Marietta. Ain't that right, honey?"

The First Lady smiled and waved one power-gloved hand.

"But folks, you and I both know that those whiners who waste our time complaining about 'natural food' have never sucked a mudbug head in their lives! 'Natural,' my left elbow! Who are they tryin' to kid? Just 'cause you're country, don't mean you can't hack DNA!"

"He's been working really hard on the regional accents," commented the text. *"Not bad for a guy from Minnesota. But look at that sloppy, incompetent camera work! Doesn't anybody care anymore? What on earth is happening to our standards?"*

By lunchtime, Lyle had the final coat down on the enameling job. He ate a bowl of triticale mush and chewed up a mineral-rich handful of iodized sponge.

Then he settled down in front of the wallscreen to work on the inertia brake. Lyle knew there was big money in the inertia brake -- for somebody, somewhere, sometime. The device smelled like the future.

Lyle tucked a jeweler's loupe in one eye and toyed methodically with the brake. He loved the way the piezoplastic clamp and rim transmuted braking energy into electrical battery storage. At last, a way to capture the energy you lost in braking and put it to solid use. It was almost, but not quite, magical.

The way Lyle figured it, there was gonna be a big market someday for an inertia brake that captured energy and then fed it back through the chaindrive in a way that just felt like human pedaling energy, in a direct and intuitive and muscular way, not chunky and buzzy like some loser battery-powered moped. If the system worked out right, it would make the rider feel completely natural and yet subtly superhuman at the same time. And it had to be simple, the kind of system a shop guy could fix with hand tools. It wouldn't work if it was too brittle and fancy, it

just wouldn't feel like an authentic bike.

Lyle had a lot of ideas about the design. He was pretty sure he could get a real grip on the problem, if only he weren't being worked to death just keeping the shop going. If he could get enough capital together to assemble the prototypes and do some serious field tests.

It would have to be chip-driven, of course, but true to the biking spirit at the same time. A lot of bikes had chips in them nowadays, in the shocks or the braking or in reactive hubs, but bicycles simply weren't like computers. Computers were black boxes inside, no big visible working parts. People, by contrast, got sentimental about their bike gear. People were strangely reticent and traditional about bikes. That's why the bike market had never really gone for recumbents, even though the recumbent design had a big mechanical advantage. People didn't like their bikes too complicated. They didn't want bicycles to bitch and complain and whine for attention and constant upgrading the way that computers did. Bikes were too personal. People wanted their bikes to wear.

Someone banged at the shop door.

Lyle opened it. Down on the tiling by the barrels stood a tall brunette woman in stretch shorts, with a short-sleeve blue pullover and a ponytail. She had a bike under one arm, an old lacquer-and-paper-framed Taiwanese job. "Are you Edward Dertouzas?" she said, gazing up at him.

"No," Lyle said patiently. "Eddy's in Europe."

She thought this over. "I'm new in the zone," she confessed. "Can you fix this bike for me? I just bought it secondhand and I think it kinda needs some work."

"Sure," Lyle said. "You came to the right guy for that job, ma'am, because Eddy Dertouzas couldn't fix a bike for hell. Eddy just used to live here. I'm the guy who actually owns this shop. Hand the bike up."

Lyle crouched down, got a grip on the handlebar stem and hauled the bike into the shop. The woman gazed up at him respectfully. "What's your name?"

"Lyle Schweik."

"I'm Kitty Casaday." She hesitated. "Could I come up inside there?"

Lyle reached down, gripped her muscular wrist, and hauled her up into the shop. She wasn't all that good looking, but she was in really good shape -- like a mountain biker or triathlon runner. She looked about thirty-five. It was hard to tell, exactly. Once people got into cosmetic surgery and serious bio-maintenance, it got pretty hard to judge their age. Unless you got a good, close medical exam of their eyelids and cuticles and internal membranes and such.

She looked around the shop with great interest, brown ponytail twitching. "Where you hail from?" Lyle asked her. He had already forgotten her name.

"Well, I'm originally from Juneau, Alaska."

"Canadian, huh? Great. Welcome to Tennessee."

"Actually, Alaska used to be part of the United States."

"You're kidding," Lyle said. "Hey, I'm no historian, but I've seen Alaska on a map before."

"You've got a whole working shop and everything built inside this old place! That's really

something, Mr. Schweik. What's behind that curtain?"

"The spare room," Lyle said. "That's where my roommate used to stay."

She glanced up. "Dertouzas?"

"Yeah, him."

"Who's in there now?"

"Nobody," Lyle said sadly. "I got some storage stuff in there."

She nodded slowly, and kept looking around, apparently galvanized with curiosity. "What are you running on that screen?"

"Hard to say, really," Lyle said. He crossed the room, bent down and switched off the set-top box. "Some kind of weird political crap."

He began examining her bike. All its serial numbers had been removed. Typical zone bike.

"The first thing we got to do," he said briskly, "is fit it to you properly: set the saddle height, pedal stroke, and handlebars. Then I'll adjust the tension, true the wheels, check the brakepads and suspension valves, tune the shifting, and lubricate the drive-train. The usual. You're gonna need a better saddle than this -- this saddle's for a male pelvis." He looked up. "You got a charge card?"

She nodded, then frowned. "But I don't have much credit left."

"No problem." He flipped open a dog-eared catalog. "This is what you need. Any halfway decent gel-saddle. Pick one you like, and we can have it shipped in by tomorrow morning. And then" -- he flipped pages -- "order me one of these."

She stepped closer and examined the page. "The 'cotterless crank-bolt ceramic wrench set,' is that it?"

"That's right. I fix your bike, you give me those tools, and we're even."

"Okay. Sure. That's cheap!" She smiled at him. "I like the way you do business, Lyle."

"You'll get used to barter, if you stay in the zone long enough."

"I've never lived in a squat before," she said thoughtfully. "I like the attitude here, but people say that squats are pretty dangerous."

"I dunno about the squats in other towns, but Chattanooga squats aren't dangerous, unless you think anarchists are dangerous, and anarchists aren't dangerous unless they're really drunk." Lyle shrugged. "People will steal your stuff all the time, that's about the worst part. There's a couple of tough guys around here who claim they have handguns. I never saw anybody actually use a handgun. Old guns aren't hard to find, but it takes a real chemist to make working ammo nowadays." He smiled back at her. "Anyway, you look to me like you can take care of yourself."

"I take dance classes."

Lyle nodded. He opened a drawer and pulled a tape measure.

"I saw all those cables and pulleys you have on top of this place. You can pull the whole building right up off the ground, huh? Kind of hang it right off the ceiling up there."

"That's right, it saves a lot of trouble with people breaking and entering." Lyle glanced at his shock-baton, in its mounting at the door. She followed his gaze to the weapon and then looked at him, impressed.

Lyle measured her arms, torso length, then knelt and measured her inseam from crotch to floor. He took notes. "Okay," he said. "Come by tomorrow afternoon."

"Lyle?"

"Yeah?" He stood up.

"Do you rent this place out? I really need a safe place to stay in the zone."

"I'm sorry," Lyle said politely, "but I hate landlords and I'd never be one. What I need is a roommate who can really get behind the whole concept of my shop. Someone who's qualified, you know, to develop my infrastructure or do bicycle work. Anyway, if I took your cash or charged you for rent, then the tax people would just have another excuse to harass me."

"Sure, okay, but..." She paused, then looked at him under lowered eyelids. "I've gotta be a lot better than having this place go empty."

Lyle stared at her, astonished.

"I'm a pretty useful woman to have around, Lyle. Nobody's ever complained before."

"Really?"

"That's right." She stared at him boldly.

"I'll think about your offer," Lyle said. "What did you say your name was?"

"I'm Kitty. Kitty Casaday."

"Kitty, I got a whole lot of work to do today, but I'll see you tomorrow, okay?"

"Okay, Lyle." She smiled. "You think about me, all right?"

Lyle helped her down out of the shop. He watched her stride away across the atrium until she vanished through the crowded doorway of the Crowbar, a squat coffeeshop. Then he called his mother.

"Did you forget something?" his mother said, looking up from her workscreen.

"Mom, I know this is really hard to believe, but a strange woman just banged on my door and offered to have sex with me."

"You're kidding, right?"

"In exchange for room and board, I think. Anyway, I said you'd be the first to know if it happened."

"Lyle--" His mother hesitated. "Lyle, I think you better come right home. Let's make that dinner date for tonight, okay? We'll have a little talk about this situation."

"Yeah, okay. I got an enameling job I gotta deliver to Floor 41, anyway."

"I don't have a positive feeling about this development, Lyle."

"That's okay, Mom. I'll see you tonight."

Lyle reassembled the newly enameled bike. Then he set the flywheel onto remote, and stepped outside the shop. He mounted the bike, and touched a password into the remote control. The shop faithfully reeled itself far out of reach and hung there in space below the fire-blackened ceiling, swaying gently.

Lyle pedaled away, back toward the elevators, back toward the neighborhood where he'd grown up.

He delivered the bike to the delighted young idiot who'd commissioned it, stuffed the cash in his shoes, and then went down to his mother's. He took a shower, shaved, and shampooed thoroughly. They had pork chops and grits and got drunk together. His mother complained about the breakup with her third husband and wept bitterly, but not as much as usual when this topic came up. Lyle got the strong impression she was thoroughly on the mend and would be angling for number four in pretty short order.

Around midnight, Lyle refused his mother's ritual offers of new clothes and fresh leftovers, and headed back down to the zone. He was still a little clubfooted from his mother's sherry, and he stood breathing beside the broken glass of the atrium wall, gazing out at the city-smear summer stars. The cavernous darkness inside the zone at night was one of his favorite things about the place. The queasy 24-hour security lighting in the rest of the Archiplat had never been rebuilt inside the zone.

The zone always got livelier at night when all the normal people started sneaking in to cruise the zone's unlicensed dives and nightspots, but all that activity took place behind discreetly closed doors. Enticing squiggles of red and blue chemglow here and there only enhanced the blessed unnatural gloom.

Lyle pulled his remote control and ordered the shop back down.

The door of the shop had been broken open.

Lyle's latest bike-repair client lay sprawled on the floor of the shop, unconscious. She was wearing black military fatigues, a knit cap, and rappelling gear.

She had begun her break-in at Lyle's establishment by pulling his shock-baton out of its glowing security socket beside the doorframe. The booby-trapped baton had immediately put fifteen thousand volts through her, and sprayed her face with a potent mix of dye and street-legal incapacitants.

Lyle turned the baton off with the remote control, and then placed it carefully back in its socket. His surprise guest was still breathing, but was clearly in real metabolic distress. He tried clearing her nose and mouth with a tissue. The guys who'd sold him the baton hadn't been kidding about the "indelible" part. Her face and throat were drenched with green and her chest looked like a spin-painting.

Her elaborate combat spex had partially shielded her eyes. With the spex off she looked like a viridian-green raccoon.

Lyle tried stripping her gear off in conventional fashion, realized this wasn't going to work, and got a pair of metal-shears from the shop. He snipped his way through the eerily writhing power-gloves and the kevlar laces of the pneumoreactive combat boots. Her black turtleneck had an abrasive surface and a cuirass over chest and back that looked like it could stop small-arms fire.

The trousers had nineteen separate pockets and they were loaded with all kinds of eerie little items: a matte-black electrode stun-weapon, flash capsules, fingerprint dust, a utility pocket-knife, drug adhesives, plastic handcuffs, some pocket change, worry beads, a comb, and a makeup case.

Close inspection revealed a pair of tiny microphone amplifiers inserted in her ear canals. Lyle fetched the tiny devices out with needlenose pliers. Lyle was getting pretty seriously concerned by this point. He shackled her arms and legs with bike security cable, in case she regained consciousness and attempted something superhuman.

Around four in the morning she had a coughing fit and began shivering violently. Summer nights could get pretty cold in the shop. Lyle thought over the design problem for some time, and then fetched a big heat-reflective blanket out of the empty room. He cut a neat poncho-hole in the center of it, and slipped her head through it. He got the bike cables off her -- she could probably slip the cables anyway -- and sewed all four edges of the blanket shut from the outside, with sturdy monofilament thread from his saddle-stitcher. He sewed the poncho edges to a tough fabric belt, cinched the belt snugly around her neck, and padlocked it. When he was done, he'd made a snug bag that contained her entire body, except for her head, which had begun to drool and snore.

A fat blob of superglue on the bottom of the bag kept her anchored to the shop's floor. The blanket was cheap but tough upholstery fabric. If she could rip her way through blanket fabric with her fingernails alone, then he was probably a goner anyway. By now, Lyle was tired and stone sober. He had a squeezebottle of glucose rehydrator, three aspirins, and a canned chocolate pudding. Then he climbed in his hammock and went to sleep.

Lyle woke up around ten. His captive was sitting up inside the bag, her green face stony, eyes red-rimmed and brown hair caked with dye. Lyle got up, dressed, ate breakfast, and fixed the broken door-lock. He said nothing, partly because he thought that silence would shake her up, but mostly because he couldn't remember her name. He was almost sure it wasn't her real name anyway.

When he'd finished fixing the door, he reeled up the string of the doorknocker so that it was far out of reach. He figured the two of them needed the privacy.

Then Lyle deliberately fired up the wallscreen and turned on the set-top box. As soon as the peculiar subtitles started showing up again, she grew agitated.

"Who are you really?" she demanded at last.

"Ma'am, I'm a bicycle repairman."

She snorted.

"I guess I don't need to know your name," he said, "but I need to know who your people are, and why they sent you here, and what I've got to do to get out of this situation."

"You're not off to a good start, mister."

"No," he said, "maybe not, but you're the one who's blown it. I'm just a twenty-four-year-old bicycle repairman from Tennessee. But you, you've got enough specialized gear on you to buy my whole place five times over."

He flipped open the little mirror in her makeup case and showed her her own face. Her scowl

grew a little stiffer below the spattering of green.

"I want you to tell me what's going on here," he said.

"Forget it."

"If you're waiting for your backup to come rescue you, I don't think they're coming," Lyle said. "I searched you very thoroughly and I've opened up every single little gadget you had, and I took all the batteries out. I'm not even sure what some of those things are or how they work, but hey, I know what a battery is. It's been hours now. So I don't think your backup people even know where you are."

She said nothing.

"See," he said, "you've really blown it bad. You got caught by a total amateur, and now you're in a hostage situation that could go on indefinitely. I got enough water and noodles and sardines to live up here for days. I dunno, maybe you can make a cellular phone-call to God off some gizmo implanted in your thighbone, but it looks to me like you've got serious problems."

She shuffled around a bit inside the bag and looked away.

"It's got something to do with the cablebox over there, right?"

She said nothing.

"For what it's worth, I don't think that box has anything to do with me or Eddy Dertouzas," Lyle said. "I think it was probably meant for Eddy, but I don't think he asked anybody for it. Somebody just wanted him to have it, probably one of his weird European contacts. Eddy used to be in this political group called CAPCLUG, ever heard of them?"

It looked pretty obvious that she'd heard of them.

"I never liked 'em much either," Lyle told her. "They kind of snagged me at first with their big talk about freedom and civil liberties, but then you'd go to a CAPCLUG meeting up in the penthouse levels, and there were all these potbellied zudes in spex yapping off stuff like, 'We must follow the technological imperatives or be jettisoned into the history dump-file.' They're a bunch of useless blowhards who can't tie their own shoes."

"They're dangerous radicals subverting national sovereignty."

Lyle blinked cautiously. "Whose national sovereignty would that be?"

"Yours, mine, Mr. Schweik. I'm from NAFTA, I'm a federal agent."

"You're a fed? How come you're breaking into people's houses, then? Isn't that against the Fourth Amendment or something?"

"If you mean the Fourth Amendment to the Constitution of the United States, that document was superseded years ago."

"Yeah... okay, I guess you're right." Lyle shrugged. "I missed a lot of civics classes... No skin off my back anyway. I'm sorry, but what did you say your name was?"

"I said my name was Kitty Casaday."

"Right. Kitty. Okay, Kitty, just you and me, person to person. We obviously have a mutual problem here. What do you think I ought to do in this situation? I mean, speaking practically."

Kitty thought it over, surprised. "Mr. Schweik, you should release me immediately, get me my gear, and give me the box and any related data, recordings, or diskettes. Then you should escort me from the Archiplat in some confidential fashion so I won't be stopped by police and questioned about the dye-stains. A new set of clothes would be very useful."

"Like that, huh?"

"That's your wisest course of action." Her eyes narrowed. "I can't make any promises, but it might affect your future treatment very favorably."

"You're not gonna tell me who you are, or where you came from, or who sent you, or what this is all about?"

"No. Under no circumstances. I'm not allowed to reveal that. You don't need to know. You're not supposed to know. And anyway, if you're really what you say you are, what should you care?"

"Plenty. I care plenty. I can't wander around the rest of my life wondering when you're going to jump me out of a dark corner."

"If I'd wanted to hurt you, I'd have hurt you when we first met, Mr. Schweik. There was no one here but you and me, and I could have easily incapacitated you and taken anything I wanted. Just give me the box and the data and stop trying to interrogate me."

"Suppose you found me breaking into your house, Kitty? What would you do to me?"

She said nothing.

"What you're telling me isn't gonna work. If you don't tell me what's really going on here," Lyle said heavily, "I'm gonna have to get tough."

Her lips thinned in contempt.

"Okay, you asked for this." Lyle opened the mediator and made a quick voice call. "Pete?"

"Nah, this is Pete's mook," the phone replied. "Can I do something for you?"

"Could you tell Pete that Lyle Schweik has some big trouble, and I need him to come over to my bike shop immediately? And bring some heavy muscle from the Spiders."

"What kind of big trouble, Lyle?"

"Authority trouble. A lot of it. I can't say any more. I think this line may be tapped."

"Right-o. I'll make that happen. Hoo-ah, zude." The mook hung up.

Lyle left the beanbag and went back to the workbench. He took Kitty's cheap bike out of the repair stand and angrily threw it aside. "You know what really bugs me?" he said at last. "You couldn't even bother to charm your way in here, set yourself up as my roommate, and then steal the damn box. You didn't even respect me that much. Heck, you didn't even have to steal anything, Kitty. You could have just smiled and asked nicely and I'd have given you the box to play with. I don't watch media, I hate all that crap."

"It was an emergency. There was no time for more extensive investigation or reconnaissance. I think you should call your gangster friends immediately and tell them you've made a mistake. Tell them not to come here."

"You're ready to talk seriously?"

"No, I won't be talking."

"Okay, we'll see."

After twenty minutes, Lyle's phone rang. He answered it cautiously, keeping the video off. It was Pete from the City Spiders. "Zude, where is your doorknocker?"

"Oh, sorry, I pulled it up, didn't want to be disturbed. I'll bring the shop right down." Lyle thumbed the brake switches.

Lyle opened the door and Pete broad-jumped into the shop. Pete was a big man but he had the skeletal, wiry build of a climber, bare dark arms and shins and big sticky-toed jumping shoes. He had a sleeveless leather bodysuit full of clips and snaps, and he carried a big fabric shoulderbag. There were six vivid tattoos on the dark skin of his left cheek, under the black stubble.

Pete looked at Kitty, lifted his spex with wiry callused fingers, looked at her again bare-eyed, and put the spex back in place. "Wow, Lyle."

"Yeah."

"I never thought you were into anything this sick and twisted."

"It's a serious matter, Pete."

Pete turned to the door, crouched down, and hauled a second person into the shop. She wore a beat-up air-conditioned jacket and long slacks and zipsided boots and wire-rimmed spex. She had short ratty hair under a green cloche hat. "Hi," she said, sticking out a hand. "I'm Mabel. We haven't met."

"I'm Lyle." Lyle gestured. "This is Kitty here in the bag."

"You said you needed somebody heavy, so I brought Mabel along," said Pete. "Mabel's a social worker."

"Looks like you pretty much got things under control here," said Mabel liltily, scratching her neck and looking about the place. "What happened? She break into your shop?"

"Yeah."

"And," Pete said, "she grabbed the shock-baton first thing and blasted herself but good?"

"Exactly."

"I told you that thieves always go for the weaponry first," Pete said, grinning and scratching his armpit. "Didn't I tell you that? Leave a weapon in plain sight, man, a thief can't stand it, it's the very first thing they gotta grab." He laughed. "Works every time."

"Pete's from the City Spiders," Lyle told Kitty. "His people built this shop for me. One dark night, they hauled this mobile home right up thirty-four stories in total darkness, straight up the side of the Archiplat without anybody seeing, and they cut a big hole through the side of the building without making any noise, and they hauled the whole shop through it. Then they sank explosive bolts through the girders and hung it up here for me in midair. The City Spiders are into sport-climbing the way I'm into bicycles, only, like, they are very *seriously* into climbing and there are *lots* of them. They were some of the very first people to squat the zone, and they've lived here ever since, and they are pretty good friends of mine."

Pete sank to one knee and looked Kitty in the eye. "I love breaking into places, don't you? There's no thrill like some quick and perfectly executed break-in." He reached casually into his shoulderbag. "The thing is" -- he pulled out a camera -- "to be sporting, you can't steal anything. You just take trophy pictures to prove you were there." He snapped her picture several times, grinning as she flinched.

"Lady," he breathed at her, "once you've turned into a little wicked greedhead, and mixed all that evil cupidity and possessiveness into the beauty of the direct action, then you've prostituted our way of life. You've gone and spoiled our sport." Pete stood up. "We City Spiders don't like common thieves. And we especially don't like thieves who break into the places of clients of ours, like Lyle here. And we thoroughly, especially, don't like thieves who are so brickhead dumb that they get caught red-handed on the premises of friends of ours."

Pete's hairy brows knotted in thought. "What I'd like to do here, Lyle ol' buddy," he announced, "is wrap up your little friend head to foot in nice tight cabling, smuggle her out of here down to Golden Gate Archiplat -- you know, the big one downtown over by MLK and Highway Twenty-seven? -- and hang her head-down in the center of the cupola."

"That's not very nice," Mabel told him seriously.

Pete looked wounded. "I'm not gonna charge him for it or anything! Just imagine her, spinning up there beautifully with all those chandeliers and those hundreds of mirrors."

Mabel knelt and looked into Kitty's face. "Has she had any water since she was knocked unconscious?"

"No."

"Well, for heaven's sake, give the poor woman something to drink, Lyle."

Lyle handed Mabel a bike-tote squeezebottle of electrolyte refresher. "You zudes don't grasp the situation yet," he said. "Look at all this stuff I took off her." He showed them the spex, and the boots, and the stun-gun, and the gloves, and the carbon-nitride climbing plectra, and the rappelling gear.

"Wow," Pete said at last, dabbing at buttons on his spex to study the finer detail, "this is no ordinary burglar! She's gotta be, like, a street samurai from the Mahogany War birds or something!"

"She says she's a federal agent."

Mabel stood up suddenly, angrily yanking the squeezebottle from Kitty's lips. "You're kidding, right?"

"Ask her."

"I'm a grade-five social counselor with the Department of Urban Redevelopment," Mabel said. She presented Kitty with an official ID. "And who are you with?"

"I'm not prepared to divulge that information at this time."

"I can't believe this," Mabel marveled, tucking her dog-eared hologram ID back in her hat. "You've caught somebody from one of those nutty reactionary secret black-bag units. I mean, that's gotta be what's just happened here." She shook her head slowly. "Y'know, if you work in government, you always hear horror stories about these right-wing paramilitary wackos, but I've

never actually seen one before."

"It's a very dangerous world out there, Miss Social Counselor."

"Oh, tell me about it," Mabel scoffed. "I've worked suicide hotlines! I've been a hostage negotiator! I'm a career social worker, girlfriend! I've seen more horror and suffering than you *ever* will. While you were doing push-ups in some comfy cracker training-camp, I've been out here in the real world!" Mabel absently unscrewed the top from the bike bottle and had a long glug. "What on earth are you doing trying to raid the squat of a bicycle repairman?"

Kitty's stony silence lengthened. "It's got something to do with that set-top box," Lyle offered. "It showed up here in delivery yesterday, and then she showed up just a few hours later. Started flirting with me, and said she wanted to live in here. Of course I got suspicious right away."

"Naturally," Pete said. "Real bad move, Kitty. Lyle's on antilibidinals."

Kitty stared at Lyle bitterly. "I see," she said at last. "So that's what you get, when you drain all the sex out of one of them... You get a strange malodorous creature that spends all its time working in the garage."

Mabel flushed. "Did you hear that?" She gave Kitty's bag a sharp angry yank. "What conceivable right do you have to question this citizen's sexual orientation? Especially after cruelly trying to sexually manipulate him to abet your illegal purposes? Have you lost all sense of decency? You... you should be sued."

"Do your worst," Kitty muttered.

"Maybe I will," Mabel said grimly. "Sunlight is the best disinfectant."

"Yeah, let's string her up somewhere real sunny and public and call a bunch of news crews," Pete said. "I'm way hot for this deep ninja gear! Me and the Spiders got real mojo uses for these telescopic ears, and the tracer dust, and the epoxy bugging devices. And the press-on climbing-claws. And the carbon-fiber rope. Everything, really! Everything except these big-ass military shoes of hers, which really suck."

"Hey, all that stuff's mine," Lyle said sternly. "I saw it first."

"Yeah, I guess so, but... Okay, Lyle, you make us a deal on the gear, we'll forget everything you still owe us for doing the shop."

"Come on, those combat spex are worth more than this place all by themselves."

"I'm real interested in that set-top box," Mabel said cruelly. "It doesn't look too fancy or complicated. Let's take it over to those dirty circuit zudes who hang out at the Blue Parrot, and see if they can't reverse-engineer it. We'll post all the schematics up on twenty or thirty progressive activist networks, and see what falls out of cyberspace."

Kitty glared at her. "The terrible consequences from that stupid and irresponsible action would be entirely on your head."

"I'll risk it," Mabel said airily, patting her cloche hat. "It might bump my soft little liberal head a bit, but I'm pretty sure it would crack your nasty little fascist head like a coconut."

Suddenly Kitty began thrashing and kicking her way furiously inside the bag. They watched with interest as she ripped, tore and lashed out with powerful side and front kicks. Nothing much happened.

"All right," she said at last, panting in exhaustion. "I've come from Senator Creighton's office."

"Who?" Lyle said.

"Creighton! Senator James P. Creighton, the man who's been your Senator from Tennessee for the past thirty years!"

"Oh," Lyle said. "I hadn't noticed."

"We're anarchists," Pete told her.

"I've sure heard of the nasty old geezer," Mabel said, "but I'm from British Columbia, where we change senators the way you'd change a pair of socks. If you ever changed your socks, that is. What about him?"

"Well, Senator Creighton has deep clout and seniority! He was a United States Senator even before the first NAFTA Senate was convened! He has a very large, and powerful, and very well seasoned personal staff of twenty thousand hardworking people, with a lot of pull in the Agriculture, Banking, and Telecommunications Committees!"

"Yeah? So?"

"So," Kitty said miserably, "there are twenty thousand of us on his staff. We've been in place for decades now, and naturally we've accumulated lots of power and importance. Senator Creighton's staff is basically running some quite large sections of the NAFTA government, and if the Senator loses his office, there will be a great deal of... of unnecessary political turbulence." She looked up. "You might not think that a senator's staff is all that important politically. But if people like you bothered to learn anything about the real-life way that your government functions, then you'd know that Senate staffers can be really crucial."

Mabel scratched her head. "You're telling me that even a lousy senator has his own private black-bag unit?"

Kitty looked insulted. "He's an excellent senator! You can't have a working organization of twenty thousand staffers without taking security very seriously! Anyway, the Executive wing has had black-bag units for years! It's only right that there should be a balance of powers."

"Wow," Mabel said. "The old guy's a hundred and twelve or something, isn't he?"

"A hundred and seventeen."

"Even with government health care, there can't be a lot left of him."

"He's already gone," Kitty muttered. "His frontal lobes are burned out... He can still sit up, and if he's stoked on stimulants he can repeat whatever's whispered to him. So he's got two permanent implanted hearing aids, and basically... well... he's being run by remote control by his mook."

"His mook, huh?" Pete repeated thoughtfully.

"It's a very good mook," Kitty said. "The coding's old, but it's been very well looked-after. It has firm moral values and excellent policies. The mook is really very much like the Senator was. It's just that... well, it's old. It still prefers a really old-fashioned media environment. It spends almost all its time watching old-fashioned public political coverage, and lately it's gotten cranky and started broadcasting commentary."

"Man, never trust a mook," Lyle said. "I hate those things."

"So do I," Pete offered, "but even a mook comes off pretty good compared to a politician."

"I don't really see the problem," Mabel said, puzzled. "Senator Hirschheimer from Arizona has had a direct neural link to his mook for years, and he has an excellent progressive voting record. Same goes for Senator Marmalejo from Tamaulipas; she's kind of absent-minded, and everybody knows she's on life support, but she's a real scrapper on women's issues."

Kitty looked up. "You don't think it's terrible?"

Mabel shook her head. "I'm not one to be judgmental about the intimacy of one's relationship to one's own digital alter-ego. As far as I can see it, that's a basic privacy issue."

"They told me in briefing that it was a very terrible business, and that everyone would panic if they learned that a high government official was basically a front for a rogue artificial intelligence."

Mabel, Pete, and Lyle exchanged glances. "Are you guys surprised by that news?" Mabel said.

"Heck no," said Pete.

"Big deal," Lyle added.

Something seemed to snap inside Kitty then. Her head sank. "Disaffected émigrés in Europe have been spreading boxes that can decipher the Senator's commentary. I mean, the Senator's mook's commentary... The mook speaks just like the Senator did, or the way the Senator used to speak, when he was in private and off the record. The way he spoke in his diaries. As far as we can tell, the mook *was* his diary... It used to be his personal laptop computer. But he just kept transferring the files, and upgrading the software, and teaching it new tricks like voice recognition and speechwriting, and giving it power of attorney and such... And then, one day the mook made a break for it. We think that the mook sincerely believes that it's the Senator."

"Just tell the stupid thing to shut up for a while, then."

"We can't do that. We're not even sure where the mook is, physically. Or how it's been encoding those sarcastic comments into the video-feed. The Senator had a lot of friends in the telecom industry back in the old days. There are a lot of ways and places to hide a piece of distributed software."

"So that's all?" Lyle said. "That's it, that's your big secret? Why didn't you just come to me and ask me for the box? You didn't have to dress up in combat gear and kick my door in. That's a pretty good story, I'd have probably just given you the thing."

"I couldn't do that, Mr. Schweik."

"Why not?"

"Because," Pete said, "her people are important government functionaries, and you're a loser techie wacko who lives in a slum."

"I was told this is a very dangerous area," Kitty muttered.

"It's not dangerous," Mabel told her.

"No?"

"No. They're all too broke to be dangerous. This is just a kind of social breathing space. The whole urban infrastructure's dreadfully overplanned here in Chattanooga. There's been too much money here too long. There's been no room for spontaneity. It was choking the life out of the city. That's why everyone was secretly overjoyed when the rioters set fire to these three floors."

Mabel shrugged. "The insurance took care of the damage. First the looters came in. Then there were a few hideouts for kids and crooks and illegal aliens. Then the permanent squats got set up. Then the artist's studios, and the semilegal workshops and redlight places. Then the quaint little coffeehouses, then the bakeries. Pretty soon the offices of professionals will be filtering in, and they'll restore the water and the wiring. Once that happens, the real-estate prices will kick in big-time, and the whole zone will transmute right back into gentryville. It happens all the time."

Mabel waved her arm at the door. "If you knew anything about modern urban geography, you'd see this kind of, uh, spontaneous urban renewal happening all over the place. As long as you've got naive young people with plenty of energy who can be suckered into living inside rotten, hazardous dumps for nothing, in exchange for imagining that they're free from oversight, then it all works out just great in the long run."

"Oh."

"Yeah, zones like this turn out to be extremely handy for all concerned. For some brief span of time, a few people can think mildly unusual thoughts and behave in mildly unusual ways. All kinds of weird little vermin show up, and if they make any money then they go legal, and if they don't then they drop dead in a place really quiet where it's all their own fault. Nothing dangerous about it." Mabel laughed, then sobered. "Lyle, let this poor dumb cracker out of the bag."

"She's naked under there."

"Okay," she said impatiently, "cut a slit in the bag and throw some clothes in it. Get going, Lyle."

Lyle threw in some biking pants and a sweatshirt.

"What about my gear?" Kitty demanded, wriggling her way into the clothes by feel.

"I tell you what," said Mabel thoughtfully. "Pete here will give your gear back to you in a week or so, after his friends have photographed all the circuitry. You'll just have to let him keep all those knickknacks for a while, as his reward for our not immediately telling everybody who you are and what you're doing here."

"Great idea," Pete announced, "terrific, pragmatic solution!" He began feverishly snatching up gadgets and stuffing them into his shoulderbag. "See, Lyle? One phone-call to good ol' Spider Pete, and your problem is history, zude! Me and Mabel-the-Fed have crisis negotiation skills that are second to none! Another potentially lethal confrontation resolved without any bloodshed or loss of life." Pete zipped the bag shut. "That's about it, right, everybody? Problem over! Write if you get work, Lyle buddy. Hang by your thumbs." Pete leapt out the door and bounded off at top speed on the springy soles of his reactive boots.

"Thanks a lot for placing my equipment into the hands of sociopathic criminals," Kitty said. She reached out of the slit in the bag, grabbed a multitool off the corner of the workbench, and began swiftly slashing her way free.

"This will help the sluggish, corrupt, and underpaid Chattanooga police to take life a little

more seriously," Mabel said, her pale eyes gleaming. "Besides, it's profoundly undemocratic to restrict specialized technical knowledge to the coercive hands of secret military elites."

Kitty thoughtfully thumbed the edge of the multi-tool's ceramic blade and stood up to her full height, her eyes slitted. "I'm ashamed to work for the same government as you."

Mabel smiled serenely. "Darling, your tradition of deep dark government paranoia is far behind the times! This is the postmodern era! We're now in the grip of a government with severe schizoid multiple-personality disorder."

"You're truly vile. I despise you more than I can say." Kitty jerked her thumb at Lyle. "Even this nut-case eunuch anarchist kid looks pretty good, compared to you. At least he's self-sufficient and market-driven."

"I thought he looked good the moment I met him," Mabel replied sunnily. "He's cute, he's got great muscle tone, and he doesn't make passes. Plus he can fix small appliances and he's got a spare apartment. I think you ought to move in with him, sweetheart."

"What's that supposed to mean? You don't think I could manage life here in the zone like you do, is that it? You think you have some kind of copyright on living outside the law?"

"No, I just mean you'd better stay indoors with your boyfriend here until that paint falls off your face. You look like a poisoned raccoon." Mabel turned on her heel. "Try to get a life, and stay out of my way." She leapt outside, unlocked her bicycle and methodically pedaled off.

Kitty wiped her lips and spat out the door. "Christ, that baton packs a wallop." She snorted. "Don't you ever ventilate this place, kid? Those paint fumes are gonna kill you before you're thirty."

"I don't have time to clean or ventilate it. I'm real busy."

"Okay, then I'll clean it. I'll ventilate it. I gotta stay here a while, understand? Maybe quite a while."

Lyle blinked. "How long, exactly?"

Kitty stared at him. "You're not taking me seriously, are you? I don't much like it when people don't take me seriously."

"No, no," Lyle assured her hastily. "You're very serious."

"You ever heard of a small-business grant, kid? How about venture capital, did you ever hear of that? Ever heard of federal research-and-development subsidies, Mr. Schweik?" Kitty looked at him sharply, weighing her words. "Yeah, I thought maybe you'd heard of that one, Mr. Techie Wacko. Federal R and D backing is the kind of thing that only happens to other people, right? But Lyle, when you make good friends with a senator, you *become* 'other people.' Get my drift, pal?"

"I guess I do," Lyle said slowly.

"We'll have ourselves some nice talks about that subject, Lyle. You wouldn't mind that, would you?"

"No. I don't mind it now that you're talking."

"There's some stuff going on down here in the zone that I didn't understand at first, but it's

important." Kitty paused, then rubbed dried dye from her hair in a cascade of green dandruff. "How much did you pay those Spider gangsters to string up this place for you?"

"It was kind of a barter situation," Lyle told her.

"Think they'd do it again if I paid 'em real cash? Yeah? I thought so." She nodded thoughtfully. "They look like a heavy outfit, the City Spiders. I gotta pry 'em loose from that leftist gorgon before she finishes indoctrinating them in socialist revolution." Kitty wiped her mouth on her sleeve. "This is the Senator's own constituency! It was stupid of us to duck an ideological battle, just because this is a worthless area inhabited by reckless sociopaths who don't vote. Hell, that's exactly why it's important. This could be a vital territory in the culture war. I'm gonna call the office right away, start making arrangements. There's no way we're gonna leave this place in the hands of the self-styled Queen of Peace and Justice over there."

She snorted, then stretched a kink out of her back. "With a little self-control and discipline, I can save those Spiders from themselves and turn them into an asset to law and order! I'll get 'em to string up a couple of trailers here in the zone. We could start a dojo."

Eddy called, two weeks later. He was in a beachside cabana somewhere in Catalunya, wearing a silk floral-print shirt and a new and very pricey looking set of spex. "How's life, Lyle?"

"It's okay, Eddy."

"Making out all right?" Eddy had two new tattoos on his cheekbone.

"Yeah. I got a new paying roommate. She's a martial artist."

"Girl roommate working out okay this time?"

"Yeah, she's good at pumping the flywheel and she lets me get on with my bike work. Bike business has been picking up a lot lately. Looks like I might get a legal electrical feed and some more floorspace, maybe even some genuine mail delivery. My new roomie's got a lot of useful contacts."

"Boy, the ladies sure love you, Lyle! Can't beat 'em off with a stick, can you, poor guy? That's a heck of a note."

Eddy leaned forward a little, shoving aside a silver tray full of dead gold-tipped cigarettes. "You been getting the packages?"

"Yeah. Pretty regular."

"Good deal," he said briskly, "but you can wipe 'em all now. I don't need those backups anymore. Just wipe the data and trash the disks, or sell 'em. I'm into some, well, pretty hairy opportunities right now, and I don't need all that old clutter. It's kid stuff anyway."

"Okay, man. If that's the way you want it."

Eddy leaned forward. "D'you happen to get a package lately? Some hardware? Kind of a set-top box?"

"Yeah, I got the thing."

"That's great, Lyle. I want you to open the box up, and break all the chips with pliers."

"Yeah?"

"Then throw all the pieces away. Separately. It's trouble, Lyle, okay? The kind of trouble I don't need right now."

"Consider it done, man."

"Thanks! Anyway, you won't be bothered by mailouts from now on." He paused. "Not that I don't appreciate your former effort and goodwill, and all."

Lyle blinked. "How's your love life, Eddy?"

Eddy sighed. "Frederika! What a handful! I dunno, Lyle, it was okay for a while, but we couldn't stick it together. I don't know why I ever thought that private cops were sexy. I musta been totally out of my mind... Anyway, I got a new girlfriend now."

"Yeah?"

"She's a politician, Lyle. She's a radical member of the Spanish Parliament. Can you believe that? I'm sleeping with an elected official of a European local government." He laughed. "Politicians are *sexy*, Lyle. Politicians are *hot*! They have charisma. They're glamorous. They're powerful. They can really make things happen! Politicians get around. They know things on the inside track. I'm having more fun with Violeta than I knew there was in the world."

"That's pleasant to hear, zude."

"More pleasant than you know, my man."

"Not a problem," Lyle said indulgently. "We all gotta make our own lives, Eddy."

"Ain't it the truth."

Lyle nodded. "I'm in business, zude!"

"You gonna perfect that inertial whatsit?" Eddy said.

"Maybe. It could happen. I get to work on it a lot now. I'm getting closer, really getting a grip on the concept. It feels really good. It's a good hack, man. It makes up for all the rest of it. It really does."

Eddy sipped his mimosa. "Lyle."

"What?"

"You didn't hook up that set-top box and look at it, did you?"

"You know me, Eddy," Lyle said. "Just another kid with a wrench."