

## THE RAY-GUN: A LOVE STORY

by James Alan Gardner

James Alan Gardner has published seven SF novels with Harper-Collins Eos, beginning with *Expendable* and most recently *Radiant*.

Eos has also published Jim's short story collection *Gravity Wells*. The author has won the Aurora award twice, and was a finalist for both the Hugo and Nebula awards with his February 1997 *Asimov's* story "Three Hearings on the Existence of Snakes in the Human Bloodstream." After far too long an absence, we are pleased to welcome him back to our pages with his tale about the unforeseen repercussions of an incomprehensible alien device.

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This is a story about a ray-gun. The ray-gun will not be explained except to say, "It shoots rays."

They are dangerous rays. If they hit you in the arm, it withers. If they hit you in the face, you go blind. If they hit you in the heart, you die. These things must be true, or else it would not be a ray-gun. But it is.

Ray-guns come from space. This one came from the captain of an alien starship passing through our solar system. The ship stopped to scoop up hydrogen from the atmosphere of Jupiter. During this refueling process, the crew mutinied for reasons we cannot comprehend. We will never comprehend aliens. If someone spent a month explaining alien thoughts to us, we'd think we understood but we wouldn't. Our brains only know how to be human.

Although alien thoughts are beyond us, alien actions may be easy to grasp. We can understand the "what" if not the "why." If we saw what happened inside the alien vessel, we would recognize that the crew tried to take the captain's ray-gun and kill him.

There was a fight. The ray-gun went off many times. The starship exploded.

All this happened many centuries ago, before telescopes. The people of Earth still wore animal skins. They only knew Jupiter as a dot in the sky. When the starship exploded, the dot got a tiny bit brighter, then returned to normal. No one on Earth noticed—not even the shamans who thought dots in the sky were important.

The ray-gun survived the explosion. A ray-gun must be resilient, or

else it is not a ray-gun. The explosion hurled the ray-gun away from Jupiter and out into open space.

After thousands of years, the ray-gun reached Earth. It fell from the sky like a meteor; it grew hot enough to glow, but it didn't burn up.

The ray-gun fell at night during a blizzard. Traveling thousands of miles an hour, the ray-gun plunged deep into snow-covered woods. The snow melted so quickly that it burst into steam.

The blizzard continued, unaffected. Some things can't be harmed, even by ray-guns.

Unthinking snowflakes drifted down. If they touched the ray-gun's surface they vaporized, stealing heat from the weapon. Heat also radiated outward, melting snow nearby on the ground. Melt-water flowed into the shallow crater made by the ray-gun's impact. Water and snow cooled the weapon until all excess temperature had dissipated. A million more snowflakes heaped over the crater, hiding the ray-gun till spring.

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In March, the gun was found by a boy named Jack. He was fourteen years old and walking through the woods after school. He walked slowly, brooding about his lack of popularity. Jack despised popular students and had no interest in anything they did. Even so, he envied them. They didn't appear to be lonely.

Jack wished he had a girlfriend. He wished he were important. He wished he knew what to do with his life. Instead, he walked alone in the woods on the edge of town.

The woods were not wild or isolated. They were crisscrossed with trails made by children playing hide-and-seek. But in spring, the trails were muddy; most people stayed away. Jack soon worried more about how to avoid shoe-sucking mud than about the unfairness of the world. He took wide detours around mucky patches, thrashing through brush that was crisp from winter.

Stalks broke as he passed. Burrs stuck to his jacket. He got farther and farther from the usual paths, hoping he'd find a way out by blundering forward rather than swallowing his pride and retreating.

In this way, Jack reached the spot where the ray-gun had landed. He

saw the crater it had made. He found the ray-gun itself.

The gun seized Jack's attention, but he didn't know what it was. Its design was too alien to be recognized as a weapon. Its metal was blackened but not black, as if it had once been another color but had finished that phase of its existence. Its pistol-butt was bulbous, the size of a tennis ball. Its barrel, as long as Jack's hand, was straight but its surface had dozens of nubs like a briarwood cane. The gun's trigger was a protruding blister you squeezed till it popped. A hard metal cap could slide over the blister to prevent the gun from firing accidentally, but the safety was off; it had been off for centuries, ever since the fight on the starship.

The alien captain who once owned the weapon might have considered it beautiful, but to human eyes, the gun resembled a dirty wet stick with a lump on one end. Jack might have walked by without giving it a second look if it hadn't been lying in a scorched crater. But it was.

The crater was two paces across and barren of plant life. The vegetation had burned in the heat of the ray-gun's fall. Soon enough, new spring growth would sprout, making the crater less obvious. At present, though, the ray-gun stood out on the charred earth like a snake in an empty birdbath.

Jack picked up the gun. Though it looked like briarwood, it was cold like metal. It felt solid: not heavy, but substantial. It had the heft of a well-made object. Jack turned the gun in his hands, examining it from every angle. When he looked down the muzzle, he saw a crystal lens cut into hundreds of facets. Jack poked it with his pinky, thinking the lens was a piece of glass that someone had jammed inside. He had the idea this might be a toy—perhaps a squirt-gun dropped by a careless child. If so, it had to be the most expensive toy Jack had ever seen. The gun's barrel and its lens were so perfectly machined that no one could mistake the craftsmanship.

Jack continued to poke at the weapon until the inevitable happened: he pressed the trigger blister. The ray-gun went off.

It might have been fatal, but by chance Jack was holding the gun aimed away from himself. A ray shot out of the gun's muzzle and blasted through a maple tree ten paces away. The ray made no sound, and although Jack had seen it clearly, he couldn't say what the ray's color had been. It had no color; it was simply a presence, like wind chill or gravity. Yet Jack was sure he'd seen a force emanate from the muzzle and strike the tree.

Though the ray can't be described, its effect was plain. A circular hole appeared in the maple tree's trunk where bark and wood disintegrated into sizzling plasma. The plasma expanded at high speed and pressure, blowing apart what remained of the surrounding trunk. The ray made no sound, but the explosion did. Shocked chunks of wood and boiling maple sap flew outward, obliterating a cross-section of the tree. The lower part of the trunk and the roots were still there; so were the upper part and branches. In between was a gap, filled with hot escaping gases.

The unsupported part of the maple fell. It toppled ponderously backwards. The maple crashed onto the trees behind, its winter-bare branches snagging theirs. To Jack, it seemed that the forest had stopped the maple's fall, like soldiers catching an injured companion before he hit the ground.

Jack still held the gun. He gazed at it in wonder. His mind couldn't grasp what had happened.

He didn't drop the gun in fear. He didn't try to fire it again. He simply stared.

It was a ray-gun. It would never be anything else.

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Jack wondered where the weapon had come from. Had aliens visited these woods? Or was the gun created by a secret government project? Did the gun's owner want it back? Was he, she, or it searching the woods right now?

Jack was tempted to put the gun back into the crater, then run before the owner showed up. But was there really an owner nearby? The crater suggested that the gun had fallen from space. Jack had seen photos of meteor impact craters; this wasn't exactly the same, but it had a similar look.

Jack turned his eyes upward. He saw a mundane after-school sky. It had no UFOs. Jack felt embarrassed for even looking.

He examined the crater again. If Jack left the gun here, and the owner never retrieved it, sooner or later the weapon would be found by someone else—probably by children playing in the woods. They might shoot each other by accident. If this were an ordinary gun, Jack would never leave it lying in a place like this. He'd take the gun home, tell his parents, and they'd

turn it over to the police.

Should he do the same for this gun? No. He didn't want to.

But he didn't know what he wanted to do instead. Questions buzzed through his mind, starting with, "What should I do?" then moving on to, "Am I in danger?" and, "Do aliens really exist?"

After a while, he found himself wondering, "Exactly how much can the gun blow up?" That question made him smile.

Jack decided he wouldn't tell anyone about the gun—not now and maybe not ever. He would take it home and hide it where it wouldn't be found, but where it would be available if trouble came. What kind of trouble? Aliens ... spies ... supervillains ... who knew? If ray-guns were real, was anything impossible?

On the walk back home, Jack was so distracted by "What ifs?" that he nearly got hit by a car. He had reached the road that separated the woods from neighboring houses. Like most roads in that part of Jack's small town, it didn't get much traffic. Jack stepped out from the trees and suddenly a sports car whizzed past him, only two steps away. Jack staggered back; the driver leaned on the horn; Jack hit his shoulder on an oak tree; then the incident was over, except for belated adrenalin.

For a full minute afterward, Jack leaned against the oak and felt his heart pound. As close calls go, this one wasn't too bad: Jack hadn't really been near enough to the road to get hit. Still, Jack needed quite a while to calm down. How stupid would it be to die in an accident on the day he'd found something miraculous?

Jack ought to have been watching for trouble. What if the threat had been a bug-eyed monster instead of a car? Jack should have been alert and prepared. In his mind's eye he imagined the incident again, only this time he casually somersaulted to safety rather than stumbling into a tree. That's how you're supposed to cheat death if you're carrying a ray-gun: with cool heroic flair.

But Jack couldn't do somersaults. He said to himself, I'm Peter Parker, not Spider-Man.

On the other hand, Jack had just acquired great power. And great responsibility. Like Peter Parker, Jack had to keep his power secret, for fear of tragic consequences. In Jack's case, maybe aliens would come for

him. Maybe spies or government agents would kidnap him and his family. No matter how farfetched those things seemed, the existence of a ray-gun proved the world wasn't tame.

That night, Jack debated what to do with the gun. He pictured himself shooting terrorists and gang lords. If he rid the world of scum, pretty girls might admire him. But as soon as Jack imagined himself storming into a terrorist stronghold, he realized he'd get killed almost immediately. The ray-gun provided awesome firepower, but no defense at all. Besides, if Jack had found an ordinary gun in the forest, he never would have dreamed of running around murdering bad guys. Why should a ray-gun be different?

But it was different. Jack couldn't put the difference into words, but it was as real as the weapon's solid weight in his hands. The ray-gun changed everything. A world that contained a ray-gun might also contain flying saucers, beautiful secret agents ... and heroes.

Heroes who could somersault away from oncoming sports cars. Heroes who would cope with any danger. Heroes who deserved to have a ray-gun.

When he was young, Jack had taken for granted he'd become a hero: brave, skilled, and important. Somehow he'd lost that belief. He'd let himself settle for being ordinary. But now he wasn't ordinary: he had a ray-gun.

He had to live up to it. Jack had to be ready for bug-eyed monsters and giant robots. These were no longer childish daydreams; they were real possibilities in a world where ray-guns existed. Jack could picture himself running through town, blasting aliens, and saving the planet.

Such thoughts made sense when Jack held the ray-gun in his hands—as if the gun planted fantasies in his mind. The feel of the gun filled Jack with ambition.

All weapons have a sense of purpose.

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Jack practiced with the gun as often as he could. To avoid being seen, he rode his bike to a tract of land in the country: twenty acres owned by Jack's great-uncle Ron. No one went there but Jack. Uncle Ron had once intended to build a house on the property, but that had never happened. Now Ron was in a nursing home. Jack's family intended to sell

the land once the old man died, but Ron was healthy for someone in his nineties. Until Uncle Ron's health ran out, Jack had the place to himself.

The tract was undeveloped—raw forest, not a woods where children played. In the middle lay a pond, completely hidden by trees. Jack would float sticks in the pond and shoot them with the gun.

If he missed, the water boiled. If he didn't, the sticks were destroyed. Sometimes they erupted in fire. Sometimes they burst with a bang but no flame. Sometimes they simply vanished. Jack couldn't tell if he was doing something subtly different to get each effect, or if the ray-gun changed modes on its own. Perhaps it had a computer which analyzed the target and chose the most lethal attack. Perhaps the attacks were always the same, but differences in the sticks made for different results. Jack didn't know. But as spring led to summer, he became a better shot. By autumn, he'd begun throwing sticks into the air and trying to vaporize them before they reached the ground.

During this time, Jack grew stronger. Long bike rides to the pond helped his legs and his stamina. In addition, he exercised with fitness equipment his parents had bought but never used. If monsters ever came, Jack couldn't afford to be weak—heroes had to climb fences and break down doors. They had to balance on rooftops and hang by their fingers from cliffs. They had to run fast enough to save the girl.

Jack pumped iron and ran every day. As he did so, he imagined dodging bullets and tentacles. When he felt like giving up, he cradled the ray-gun in his hands. It gave him the strength to persevere.

Before the ray-gun, Jack had seen himself as just another teenager; his life didn't make sense. But the gun made Jack a hero who might be needed to save the Earth. It clarified everything. Sore muscles didn't matter. Watching TV was a waste. If you let down your guard, that's when the monsters came.

When he wasn't exercising, Jack studied science. That was another part of being a hero. He sometimes dreamed he'd analyze the ray-gun, discovering how it worked and giving humans amazing new technology. At other times, he didn't want to understand the gun at all. He liked its mystery. Besides, there was no guarantee Jack would ever understand how the gun worked. Perhaps human science wouldn't progress far enough in Jack's lifetime. Perhaps Jack himself wouldn't have the brains to figure it out.

But he had enough brains for high school. He did well; he was

motivated. He had to hold back to avoid attracting attention. When his gym teacher told him he should go out for track, Jack ran slower and pretended to get out of breath.

Spider-Man had to do the same.

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Two years later, in geography class, a girl named Kirsten gave Jack a daisy. She said the daisy was good luck and he should make a wish.

Even a sixteen-year-old boy couldn't misconstrue such a hint. Despite awkwardness and foot-dragging, Jack soon had a girlfriend.

Kirsten was quiet but pretty. She played guitar. She wrote poems. She'd never had a boyfriend but she knew how to kiss. These were all good things. Jack wondered if he should tell her about the ray-gun.

Until Kirsten, Jack's only knowledge of girls came from his big sister, Rachel. Rachel was seventeen and incapable of keeping a secret. She talked with her friends about everything and was too slapdash to hide private things well. Jack didn't snoop through his sister's possessions, but when Rachel left her bedroom door ajar with empty cigarette packs tumbling out of the garbage can, who wouldn't notice? When she gossiped on the phone about sex with her boyfriend, who couldn't overhear? Jack didn't want to listen, but Rachel never lowered her voice. The things Jack heard made him queasy—about his sister, and girls in general.

If he showed Kirsten the ray-gun, would she tell her friends? Jack wanted to believe she wasn't that kind of girl, but he didn't know how many kinds of girl there were. He just knew that the ray-gun was too important for him to take chances. Changing the status quo wasn't worth the risk.

Yet the status quo changed anyway. The more time Jack spent with Kirsten, the less he had for shooting practice and other aspects of hero-dom. He felt guilty for skimping on crisis preparation; but when he went to the pond or spent a night reading science, he felt guilty for skimping on Kirsten. Jack would tell her he couldn't come over to do homework and when she asked why, he'd have to make up excuses. He felt he was treating her like an enemy spy: holding her at arm's length as if she were some femme fatale who was tempting him to betray state secrets. He hated not trusting her.

Despite this wall between them, Kirsten became Jack's lens on the

world. If anything interesting happened, Jack didn't experience it directly; some portion of his mind stood back, enjoying the anticipation of having something to tell Kirsten about the next time they met. Whatever he saw, he wanted her to see it too. Whenever Jack heard a joke, even before he started laughing, he pictured himself repeating it to Kirsten.

Inevitably, Jack asked himself what she'd think of his hero-dom. Would she be impressed? Would she throw her arms around him and say he was even more wonderful than she'd thought? Or would she get that look on her face, the one when she heard bad poetry? Would she think he was an immature geek who'd read too many comic books and was pursuing some juvenile fantasy? How could anyone believe hostile aliens might appear in the sky? And if aliens did show up, how delusional was it that a teenage boy might make a difference, even if he owned a ray-gun and could do a hundred push-ups without stopping?

For weeks, Jack agonized: to tell or not to tell. Was Kirsten worthy, or just a copy of Jack's sister? Was Jack himself worthy, or just a foolish boy?

One Saturday in May, Jack and Kirsten went biking. Jack led her to the pond where he practiced with the gun. He hadn't yet decided what he'd do when they got there, but Jack couldn't just tell Kirsten about the ray-gun. She'd never believe it was real unless she saw the rays in action. But so much could go wrong. Jack was terrified of giving away his deepest secret. He was afraid that when he saw hero-dom through Kirsten's eyes, he'd realize it was silly.

At the pond, Jack felt so nervous he could hardly speak. He babbled about the warm weather ... a patch of mushrooms ... a crow cawing in a tree. He talked about everything except what was on his mind.

Kirsten misinterpreted his anxiety. She thought she knew why Jack had brought her to this secluded spot. After a while, she decided he needed encouragement, so she took off her shirt and her bra.

It was the wrong thing to do. Jack hadn't meant this outing to be a test ... but it was, and Kirsten had failed.

Jack took off his own shirt and wrapped his arms around her, chest touching breasts for the first time. He discovered it was possible to be excited and disappointed at the same time.

Jack and Kirsten made out on a patch of hard dirt. It was the first time they'd been alone with no risk of interruption. They kept their pants on, but

they knew they could go farther: as far as there was. No one in the world would stop them from whatever they chose to do. Jack and Kirsten felt light in their skins—open and dizzy with possibilities.

Yet for Jack, it was all a mistake: one that couldn't be reversed. Now he'd never tell Kirsten about the ray-gun. He'd missed his chance because she'd acted the way Jack's sister would have acted. Kirsten had been thinking like a girl and she'd ruined things forever.

Jack hated the way he felt: all angry and resentful. He really liked Kirsten. He liked making out, and couldn't wait till the next time. He refused to be a guy who dumped a girl as soon as she let him touch her breasts. But he was now shut off from her and he had no idea how to get over that.

In the following months, Jack grew guiltier: he was treating Kirsten as if she were good enough for sex but not good enough to be told about the most important thing in his life. As for Kirsten, every day made her more unhappy: she felt Jack blaming her for something but she didn't know what she'd done. When they got together, they went straight to fondling and more as soon as possible. If they tried to talk, they didn't know what to say.

In August, Kirsten left to spend three weeks with her grandparents on Vancouver Island. Neither she nor Jack missed each other. They didn't even miss the sex. It was a relief to be apart. When Kirsten got back, they went for a walk and a confused conversation. Both produced excuses for why they couldn't stay together. The excuses didn't make sense, but neither Jack nor Kirsten noticed—they were too ashamed to pay attention to what they were saying. They both felt like failures. They'd thought their love would last forever, and now it was ending sordidly.

When the lying was over, Jack went for a run. He ran in a mental blur. His mind didn't clear until he found himself at the pond.

Night was drawing in. He thought of all the things he'd done with Kirsten on the shore and in the water. After that first time, they'd come here a lot; it was private. Because of Kirsten, this wasn't the same pond as when Jack had first begun to practice with the ray-gun. Jack wasn't the same boy. He and the pond now carried histories.

Jack could feel himself balanced on the edge of quitting. He'd turned seventeen. One more year of high school, then he'd go away to university. He realized he no longer believed in the imminent arrival of aliens, nor could he see himself as some great hero saving the world.

Jack knew he wasn't a hero. He'd used a nice girl for sex, then lied to get rid of her.

He felt like crap. But blasting the shit out of sticks made him feel a little better. The ray-gun still had its uses, even if shooting aliens wasn't one of them.

The next day Jack did more blasting. He pumped iron. He got science books out of the library. Without Kirsten at his side several hours a day, he had time to fill, and emptiness. By the first day of the new school year, Jack was back to his full hero-dom program. He no longer deceived himself that he was preparing for battle, but the program gave him something to do: a purpose, a release, and a penance.

So that was Jack's passage into manhood. He was dishonest with the girl he loved.

Manhood means learning who you are.

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In his last year of high school, Jack went out with other girls but he was past the all-or-nothingness of First Love. He could have casual fun; he could approach sex with perspective. "Monumental and life-changing" had been tempered to "pleasant and exciting." Jack didn't take his girlfriends for granted, but they were people, not objects of worship. He was never tempted to tell any of them about the gun.

When he left town for university, Jack majored in Engineering Physics. He hadn't decided whether he'd ever analyze the ray-gun's inner workings, but he couldn't imagine taking courses that were irrelevant to the weapon. The ray-gun was the central fact of Jack's life. Even if he wasn't a hero, he was set apart from other people by this evidence that aliens existed.

During freshman year, Jack lived in an on-campus dormitory. Hiding the ray-gun from his roommate would have been impossible. Jack left the weapon at home, hidden near the pond. In sophomore year, Jack rented an apartment off campus. Now he could keep the ray-gun with him. He didn't like leaving it unattended.

Jack persuaded a lab assistant to let him borrow a Geiger counter. The ray-gun emitted no radioactivity at all. Objects blasted by the gun showed no significant radioactivity either. Over time, Jack borrowed other

equipment, or took blast debris to the lab so he could conduct tests when no one was around. He found nothing that explained how the ray-gun worked.

The winter before Jack graduated, Great-Uncle Ron finally died. In his will, the old man left his twenty acres of forest to Jack. Uncle Ron had found out that Jack liked to visit the pond. “I told him,” said big sister Rachel. “Do you think I didn’t know where you and Kirsten went?”

Jack had to laugh—uncomfortably. He was embarrassed to discover he couldn’t keep secrets any better than his sister.

Jack’s father offered to help him sell the land to pay for his education. The offer was polite, not pressing. Uncle Ron had doled out so much cash in his will that Jack’s family was now well-off. When Jack said he’d rather hold on to the property “until the market improves,” no one objected.

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After getting his bachelor’s degree, Jack continued on to grad school: first his master’s, then his Ph.D. In one of his courses, he met Deana, working toward her own doctorate—in Electrical Engineering rather than Engineering Physics.

The two programs shared several seminars, but considered themselves rivals. Engineering Physics students pretended that Electrical Engineers weren’t smart enough to understand abstract principles. Electrical Engineers pretended that Engineering Physics students were pie-in-the-sky dreamers whose theories were always wrong until real Engineers fixed them. Choosing to sit side by side, Jack and Deana teased each other every class. Within months, Deana moved into Jack’s apartment.

Deana was small but physical. She told Jack she’d been drawn to him because he was the only man in their class who lifted weights. When Deana was young, she’d been a competitive swimmer—“Very competitive,” she said—but her adolescent growth spurt had never arrived and she was eventually outmatched by girls with longer limbs. Deana had quit the competition circuit, but she hadn’t quit swimming, nor had she lost the drive to be one up on those around her. She saw most things as contests, including her relationship with Jack. Deana was not beyond cheating if it gave her an edge.

In the apartment they now shared, Jack thought he’d hidden the

ray-gun so well that Deana wouldn't find it. He didn't suspect that when he wasn't home, she went through his things. She couldn't stand the thought that Jack might have secrets from her.

He returned one day to find the gun on the kitchen table. Deana was poking at it. Jack wanted to yell, "Leave it alone!" but he was so choked with anger he couldn't speak.

Deana's hand was close to the trigger. The safety was off and the muzzle pointed in Jack's direction. He threw himself to the floor.

Nothing happened. Deana was so surprised by Jack's sudden move that she jerked her hand away from the gun. "What the hell are you doing?"

Jack got to his feet. "I could ask you the same question."

"I found this. I wondered what it was."

Jack knew she didn't "find" the gun. It had been buried under old notebooks inside a box at the back of a closet. Jack expected that Deana would invent some excuse for why she'd been digging into Jack's private possessions, but the excuse wouldn't be worth believing.

What infuriated Jack most was that he'd actually been thinking of showing Deana the gun. She was a very very good engineer; Jack had dreamed that together, he and she might discover how the gun worked. Of all the women Jack had known, Deana was the first he'd asked to move in with him. She was strong and she was smart. She might understand the gun. The time had never been right to tell her the truth—Jack was still getting to know her and he needed to be absolutely sure—but Jack had dreamed...

And now, like Kirsten at the pond, Deana had ruined everything. Jack felt so violated he could barely stand to look at the woman. He wanted to throw her out of the apartment ... but that would draw too much attention to the gun. He couldn't let Deana think the gun was important.

She was still staring at him, waiting for an explanation. "That's just something from my Great-Uncle Ron," Jack said. "An African good-luck charm. Or Indonesian. I forget. Uncle Ron traveled a lot." Actually, Ron sold insurance and seldom left the town where he was born. Jack picked up the gun from the table, trying to do so calmly rather than protectively. "I wish you hadn't touched this. It's old and fragile."

“It felt pretty solid to me.”

“Solid but still breakable.”

“Why did you dive to the floor?”

“Just silly superstition. It’s bad luck to have this end point toward you.” Jack gestured toward the muzzle. “And it’s good luck to be on this end.” He gestured toward the butt, then tried to make a joke. “Like there’s a Maxwell demon in the middle, batting bad luck one way and good luck the other.”

“You believe that crap?” Deana asked. She was an engineer. She went out of her way to disbelieve crap.

“Of course I don’t believe it,” Jack said. “But why ask for trouble?”

He took the gun back to the closet. Deana followed. As Jack returned the gun to its box, Deana said she’d been going through Jack’s notes in search of anything he had on partial differential equations. Jack nearly let her get away with the lie; he usually let the women in his life get away with almost anything. But he realized he didn’t want Deana in his life anymore. Whatever connection she and he had once felt, it was cut off the moment he saw her with the ray-gun.

Jack accused her of invading his privacy. Deana said he was paranoid. The argument grew heated. Out of habit, Jack almost backed down several times, but he stopped himself. He didn’t want Deana under the same roof as the ray-gun. His feelings were partly irrational possessiveness, but also justifiable caution. If Deana got the gun and accidentally fired it, the results might be disastrous.

Jack and Deana continued to argue: right there in the closet within inches of the ray-gun. The gun lay in its box, like a child at the feet of parents fighting over custody. The ray-gun did nothing, as if it didn’t care who won.

Eventually, unforgivable words were spoken. Deana said she’d move out as soon as possible. She left to stay the night with a friend.

The moment she was gone, Jack moved the gun. Deana still had a key to the apartment—she needed it until she could pack her things—and Jack was certain she’d try to grab the weapon as soon as he was busy elsewhere. The ray-gun was now a prize in a contest, and Deana never backed down.

Jack took the weapon to the university. He worked as an assistant for his Ph.D. supervisor, and he'd been given a locker in the supervisor's lab. The locker wasn't Fort Knox but leaving the gun there was better than leaving it in the apartment. The more Jack thought about Deana, the more he saw her as prying and obsessive, grasping for dominance. He didn't know what he'd ever seen in her.

The next morning, he wondered if he had overreacted. Was he demonizing his ex like a sitcom cliché? If she was so egotistic, why hadn't he noticed before? Jack had no good answer. He decided he didn't need one. Unlike when he broke up with Kirsten, Jack felt no guilt this time. The sooner Deana was gone, the happier he'd be.

In a few days, Deana called to say she'd found a new place to live. She and Jack arranged a time for her to pick up her belongings. Jack didn't want to be there while she moved out; he couldn't stand seeing her in the apartment again. Instead, Jack went back to his home town for a long weekend with his family.

It was lucky he did. Jack left Friday afternoon and didn't get back to the university until Monday night. The police were waiting for him. Deana had disappeared late Saturday.

She'd talked to friends on Saturday afternoon. She'd made arrangements for Sunday brunch but hadn't shown up. No one had seen her since.

As the ex-boyfriend, Jack was a prime suspect. But his alibi was solid: his hometown was hundreds of miles from the university, and his family could testify he'd been there the whole time. Jack couldn't possibly have sneaked back to the university, made Deana disappear, and raced back home.

Grudgingly, the police let Jack off the hook. They decided Deana must have been depressed by the break-up of the relationship. She might have run off so she wouldn't have to see Jack around the university. She might even have committed suicide.

Jack suspected otherwise. As soon as the police let him go, he went to his supervisor's lab. His locker had been pried open. The ray-gun lay on a nearby lab bench.

Jack could easily envision what happened. While moving out her

things, Deana searched for the ray-gun. She hadn't found it in the apartment. She knew Jack had a locker in the lab and she'd guessed he'd stashed the weapon there. She broke open the locker to get the gun. She'd examined it and perhaps tried to take it apart. The gun went off.

Now Deana was gone. Not even a smudge on the floor. The ray-gun lay on the lab bench as guiltless as a stone. Jack was the only one with a conscience.

He suffered for weeks. Jack wondered how he could feel so bad about a woman who'd made him furious. But he knew the source of his guilt: while he and Deana were arguing in the closet, Jack had imagined vaporizing her with the gun. He was far too decent to shoot her for real, but the thought had crossed his mind. If Deana simply vanished, Jack wouldn't have to worry about what she might do. The ray-gun had made that thought come true, as if it had read Jack's mind.

Jack told himself the notion was ridiculous. The gun wasn't some genie who granted Jack's unspoken wishes. What happened to Deana came purely from her own bad luck and inquisitiveness.

Still, Jack felt like a murderer. After all this time, Jack realized the ray-gun was too dangerous to keep. As long as Jack had it, he'd be forced to live alone: never marrying, never having children, never trusting the gun around other people. And even if Jack became a recluse, accidents could happen. Someone else might die. It would be Jack's fault.

He wondered why he'd never had this thought before. Jack suddenly saw himself as one of those people who own a vicious attack dog. People like that always claimed they could keep the dog under control. How often did they end up on the evening news? How often did children get bitten, maimed, or killed?

Some dogs are tragedies waiting to happen. The ray-gun was too. It would keep slipping off its leash until it was destroyed. Twelve years after finding the gun, Jack realized he finally had a heroic mission: to get rid of the weapon that made him a hero in the first place.

I'm not Spider-Man, he thought, I'm Frodo.

But how could Jack destroy something that had survived so much? The gun hadn't frozen in the cold of outer space; it hadn't burned up as it plunged through Earth's atmosphere; it hadn't broken when it hit the ground at terminal velocity. If the gun could endure such punishment, extreme

measures would be needed to lay it to rest.

Jack imagined putting the gun into a blast furnace. But what if the weapon went off ? What if it shot out the side of the furnace? The furnace itself could explode. That would be a disaster. Other means of destruction had similar problems. Crushing the gun in a hydraulic press ... what if the gun shot a hole in the press, sending pieces of equipment flying in all directions? Immersing the gun in acid ... what if the gun went off and splashed acid over everything? Slicing into the gun with a laser ... Jack didn't know what powered the gun, but obviously it contained vast energy. Destabilizing that energy might cause an explosion, a radiation leak, or some even greater catastrophe. Who knew what might happen if you tampered with alien technology?

And what if the gun could protect itself ? Over the years, Jack had read every ray-gun story he could find. In some stories, such weapons had built-in computers. They had enough artificial intelligence to assess their situations. If they didn't like what was happening, they took action. What if Jack's gun was similar? What if attempts to destroy the weapon induced it to fight back? What if the ray-gun got mad?

Jack decided the only safe plan was to drop the gun into an ocean—the deeper the better. Even then, Jack feared the gun would somehow make its way back to shore. He hoped that the weapon would take years or even centuries to return, by which time humanity might be scientifically equipped to deal with the ray-gun's power.

Jack's plan had one weakness: both the university and Jack's home town were far from the sea. Jack didn't know anyone with an ocean-going boat suitable for dumping objects into deep water. He'd just have to drive to the coast and see if he could rent something.

But not until summer. Jack was in the final stages of his Ph.D. and didn't have time to leave the university for an extended trip. As a temporary measure, Jack moved the ray-gun back to the pond. He buried the weapon several feet underground, hoping that would keep it safe from animals and anyone else who happened by.

(Jack imagined a new generation of lovesick teenagers discovering the pond. If that happened, he wanted them safe. Like a real hero, Jack cared about people he didn't know.)

\* \* \* \*

Jack no longer practiced with the gun, but he maintained his physical regimen. He tried to exhaust himself so he wouldn't have the energy to brood. It didn't work. Lying sleepless in bed, he kept wondering what would have happened if he'd told Deana the truth. She wouldn't have killed herself if she'd been warned to be cautious. But Jack had cared more about his precious secret than Deana's life.

In the dark, Jack muttered, "It was her own damned fault." His words were true, but not true enough.

When Jack wasn't at the gym, he cloistered himself with schoolwork and research. (His doctoral thesis was about common properties of different types of high-energy beams.) Jack didn't socialize. He seldom phoned home. He took days to answer email messages from his sister. Even so, he told himself he was doing an excellent job of acting "normal."

Jack had underestimated his sister's perceptiveness. One weekend, Rachel showed up on his doorstep to see why he'd "gone weird." She spent two days digging under his skin. By the end of the weekend, she could tell that Deana's disappearance had disturbed Jack profoundly. Rachel couldn't guess the full truth, but as a big sister, she felt entitled to meddle in Jack's life. She resolved to snap her brother out of his low spirits.

The next weekend Rachel showed up on Jack's doorstep again. This time, she brought Kirsten.

Nine years had passed since Kirsten and Jack had seen each other: the day they both graduated from high school. In the intervening time, when Jack had thought of Kirsten, he always pictured her as a high-school girl. It was strange to see her as a woman. At twenty-seven, she was not greatly changed from eighteen—new glasses and a better haircut—but despite similarities to her teenage self, Kirsten wore her life differently. She'd grown up.

So had Jack. Meeting Kirsten by surprise made Jack feel ambushed, but he soon got over it. Rachel helped by talking loud and fast through the initial awkwardness. She took Jack and Kirsten for coffee, and acted as emcee as they got reacquainted.

Kirsten had followed a path close to Jack's: university and graduate work. She told him, "No one makes a living as a poet. Most of us find jobs as English professors—teaching poetry to others who won't make a living at it either."

Kirsten had earned her doctorate a month earlier. Now she was living back home. She currently had no man in her life—her last relationship had fizzled out months ago, and she'd decided to avoid new involvements until she knew where she would end up teaching. She'd sent her résumé to English departments all over the continent and was optimistic about her chances of success; to Jack's surprise, Kirsten had published dozens of poems in literary magazines. She'd even sold two to *The New Yorker*. Her publishing record would be enough to interest many English departments.

After coffee, Rachel dragged Jack to a mall where she and Kirsten made him buy new clothes. Rachel bullied Jack while Kirsten made apologetic suggestions. Jack did his best to be a good sport; as they left the mall, Jack was surprised to find that he'd actually had a good time.

That evening, there was wine and more conversation. Rachel took Jack's bed, leaving him and Kirsten to make whatever arrangements they chose. The two of them joked about Rachel trying to pair them up again. Eventually Kirsten took the couch in the living room while Jack crawled into a sleeping bag on the kitchen floor ... but that was only after talking till three in the morning.

Rachel and Kirsten left the next afternoon, but Jack felt cleansed by their visit. He stayed in touch with Kirsten by email. It was casual: not romance, but a knowing friendship.

In the next few months, Kirsten got job interviews with several colleges and universities. She accepted a position on the Oregon coast. She sent Jack pictures of the school. It was directly on the ocean; it even had a beach. Kirsten said she'd always liked the water. She teasingly reminded him of their times at the pond.

But when Jack saw Kirsten's pictures of the Pacific, all he could think of was dumping the ray-gun into the sea. He could drive out to visit her ... rent a boat ... sail out to deep water...

No. Jack knew nothing about sailing, and he didn't have enough money to rent a boat that could venture far offshore. "How many years have I been preparing?" he asked himself. "Didn't I intend to be ready for any emergency? Now I have an honest-to-god mission, and I'm useless."

Then Kirsten sent him an emailed invitation to go sailing with her.

She had access to a sea-going yacht. It belonged to her

grandparents—the ones she'd visited on Vancouver Island just before she and Jack broke up. During her trip to the island, Kirsten had gone boating with her grandparents every day. At the start, she'd done it to take her mind off Jack; then she'd discovered she enjoyed being out on the waves.

She'd spent time with her grandparents every summer since, learning the ins and outs of yachting. She'd taken courses. She'd earned the necessary licenses. Now Kirsten was fully qualified for deep-water excursions ... and as a gift to wish her well on her new job, Kirsten's grandparents were lending her their boat for a month. They intended to sail down to Oregon, spend a few days there, then fly off to tour Australia. When they were done, they'd return and sail back home; but in the meantime, Kirsten would have the use of their yacht. She asked Jack if he'd like to be her crew.

When Jack got this invitation, he couldn't help being disturbed. Kirsten had never mentioned boating before. Because she was living in their hometown, most of her email to Jack had been about old high-school friends. Jack had even started to picture her as a teenager again; he'd spent a weekend with the grown-up Kirsten, but all her talk of high-school people and places had muddled Jack's mental image of her. The thought of a bookish teenage girl captaining a yacht was absurd.

But that was a lesser problem compared to the suspicious convenience of her invitation. Jack needed a boat; all of a sudden, Kirsten had one. The coincidence was almost impossible to swallow.

He thought of the unknown aliens who made the ray-gun. Could they be influencing events? If the ray-gun was intelligent, could it be responsible for the coincidence?

Kirsten had often spent time near the gun. On their first visit to the pond, she and Jack had lain half-naked with the gun in Jack's backpack beside them.

He thought of Kirsten that day. So open. So vulnerable. The gun had been within inches. Had it nurtured Kirsten's interest in yachting ... her decision to get a job in Oregon ... even her grandparents' offer of their boat? Had it molded Kirsten's life so she was ready when Jack needed her? And if the gun could do that, what had it done to Jack himself?

This is ridiculous, Jack thought. The gun is just a gun. It doesn't control people. It just kills them.

Yet Jack couldn't shake off his sense of eeriness—about Kirsten as well as the ray-gun. All these years, while Jack had been preparing himself to be a hero, Kirsten had somehow done the same. Her self-improvement program had worked better than Jack's. She had a boat; he didn't.

Coincidence or not, Jack couldn't look a gift horse in the mouth. He told Kirsten he'd be delighted to go sailing with her. Only later did he realize that their time on the yacht would have a sexual subtext. He broke out laughing. "I'm such an idiot. We've done it again." Like that day at the pond, Jack had only been thinking about the gun. Kirsten had been thinking about Jack. Her invitation wasn't a *carte-blanche* come-on but it had a strong hint of, "Let's get together and see what develops."

Where Kirsten was concerned, Jack had always been slow to catch the signals. He thought, Obviously, the ray-gun keeps dulling my senses. This time, Jack meant it as a joke.

\* \* \* \*

Summer came. Jack drove west with the ray-gun in the trunk of his car. The gun's safety was on, but Jack still drove as if he were carrying nuclear waste. He'd taken the gun back and forth between his hometown and university many times, but this trip was longer, on unfamiliar roads. It was also the last trip Jack ever intended to make with the gun; if the gun didn't want to be thrown into the sea, perhaps it would cause trouble. But it didn't.

For much of the drive, Jack debated how to tell Kirsten about the gun. He'd considered smuggling it onto the boat and throwing the weapon overboard when she wasn't looking, but Jack felt that he owed her the truth. It was overdue. Besides, this cruise could be the beginning of a new relationship. Jack didn't want to start by sneaking behind Kirsten's back.

So he had to reveal his deepest secret. Every other secret would follow: what happened to Deana; what had really been on Jack's mind that day at the pond; what made *First Love* go sour. Jack would expose his guilt to the woman who'd suffered from the fallout.

He thought, She'll probably throw me overboard with the gun. But he would open up anyway, even if it made Kirsten hate him. When he tossed the ray-gun into the sea, he wanted to unburden himself of everything.

\* \* \* \*

The first day on the boat, Jack said nothing about the ray-gun. Instead, he talked compulsively about trivia. So did Kirsten. It was strange being together, looking so much the way they did in high school but being entirely different people.

Fortunately, they had practical matters to fill their time. Jack needed a crash course in seamanship. He learned quickly. Kirsten was a good teacher. Besides, Jack's longstanding program of hero-dom had prepared his mind and muscles. Kirsten was impressed that he knew Morse code and had extensive knowledge of knots. She asked, "Were you a Boy Scout?"

"No. When I was a kid, I wanted to be able to untie myself if I ever got captured by spies."

Kirsten laughed. She thought he was joking.

That first day, they stayed close to shore. They never had to deal with being alone; there were always other yachts in sight, and sailboats, and people on shore. When night came, they put in to harbor. They ate in an ocean-view restaurant. Jack asked, "So where will we go tomorrow?"

"Where would you like? Up the coast, down the coast, or straight out to sea?"

"Why not straight out?" said Jack.

Back on the yacht, he and Kirsten talked long past midnight. There was only one cabin, but two separate fold-away beds. Without discussion, they each chose a bed. Both usually slept in the nude, but for this trip they'd both brought makeshift "pajamas" consisting of a T-shirt and track pants. They laughed at the clothes, the coincidence, and themselves.

They didn't kiss good night. Jack silently wished they had. He hoped Kirsten was wishing the same thing. They talked for an hour after they'd turned out the lights, becoming nothing but voices in the dark.

\* \* \* \*

The next day they sailed due west. Both waited to see if the other would suggest turning back before dark. Neither did. The farther they got from shore, the fewer other boats remained in sight. By sunset, Jack and Kirsten knew they were once more alone with each other. No one in the world would stop them from whatever they chose to do.

Jack asked Kirsten to stay on deck. He went below and got the ray-gun from his luggage. He brought it up into the twilight. Before he could speak, Kirsten said, "I've seen that before."

Jack stared at her in shock. "What? Where?"

"I saw it years ago, in the woods back home. I was out for a walk. I noticed it lying in a little crater, as if it had fallen from the sky."

"Really? You found it too?"

"But I didn't touch it," Kirsten said. "I don't know why. Then I heard someone coming and I ran away. But the memory stayed vivid in my head. A mysterious object in a crater in the woods. I can't tell you how often I've tried to write poems about it, but they never work out." She looked at the gun in Jack's hands. "What is it?"

"A ray-gun," he said. In the fading light, he could see a clump of seaweed floating a short distance from the boat. He raised the gun and fired. The seaweed exploded in a blaze of fire, burning brightly against the dark waves.

"A ray-gun," said Kirsten. "Can I try it?"

\* \* \* \*

Some time later, holding hands, they let the gun fall into the water. It sank without protest.

Long after that, they talked in each other's arms. Jack said the gun had made him who he was. Kirsten said she was the same. "Until I saw the gun, I just wrote poems about myself—overwritten self-absorbed pap, like every teenage girl. But the gun gave me something else to write about. I'd only seen it for a minute, but it was one of those burned-into-your-memory moments. I felt driven to find words to express what I'd seen. I kept refining my poems, trying to make them better. That's what made the difference."

"I felt driven too," Jack said. "Sometimes I've wondered if the gun can affect human minds. Maybe it brainwashed us into becoming who we are."

"Or maybe it's just Stone Soup," Kirsten said. "You know the story? Someone claims he can make soup from a stone, but what he really does is trick people into adding their own food to the pot. Maybe the ray-gun is

like that. It did nothing but sit there like a stone. You and I did everything—made ourselves who we are—and the ray-gun is only an excuse.”

“Maybe,” Jack said. “But so many coincidences brought us here....”

“You think the gun manipulated us because it wanted to be thrown into the Pacific? Why?”

“Maybe even a ray-gun gets tired of killing.” Jack shivered, thinking of Deana. “Maybe the gun feels guilty for the deaths it’s caused; it wanted to go someplace where it would never have to kill again.”

“Deana’s death wasn’t your fault,” Kirsten said. “Really, Jack. It was awful, but it wasn’t your fault.” She shivered too, then made her voice brighter. “Maybe the ray-gun orchestrated all this because it’s an incurable romantic. It wanted to bring us together: our own personal matchmaker from the stars.”

Jack kissed Kirsten on the nose. “If that’s true, I don’t object.”

“Neither do I.” She kissed him back.

Not on the nose.

\* \* \* \*

Far below, the ray-gun drifted through the cold black depths. Beneath it, on the bottom of the sea, lay wreckage from the starship that had exploded centuries before. The wreckage had traveled all the way from Jupiter. Because of tiny differences in trajectory, the wreckage had splashed down thousands of miles from where the ray-gun landed.

The ray-gun sank straight toward the wreckage ... but what the wreckage held or why the ray-gun wanted to rejoin it, we will never know.

We will never comprehend aliens. If someone spent a month explaining alien thoughts to us, we’d think we understood.

But we wouldn’t.