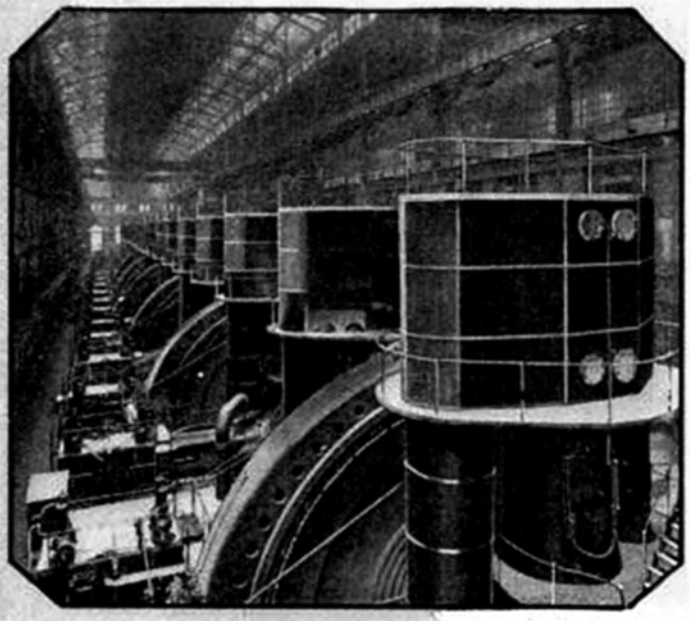
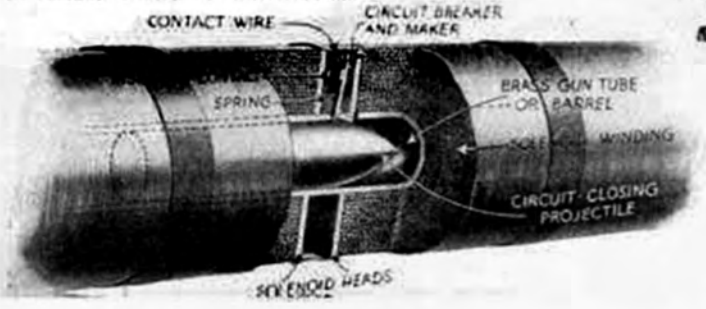


Each of the dynamos would have to produce 3000 volts and 30,000 amperes, being the equivalent of about 120,640 horsepower

As the projectile passes through the barrel of the gun, drawn by the tremendous electromagnetic force of the solenoids, it breaks automatically the circuit behind it, and energizes the solenoids ahead of its course, thus gathering speed and momentum for its long flight through space



Such would be the appearance and size of one of the electromagnetic guns of the Birkeland type if it were to be large enough to carry a large projectile a distance of one hundred miles or more