

Aiko

ka

Tesla

一

又

Man

Out

or

Kris

Time

Tesla

Hydroelectric Power

Cryogenic Engineering

Teleautomation

Recorded cosmic radio waves

Earth's Resonant Frequency

Wireless Communications

Harnessing Ionosphere

Alternating Current

Radar

X-rays

Flying machine

At least, plans for a hydroelectric power plant; the entire operation came to fruition when George Westinghouse and his team improved on Tesla's ideas.

Tesla made mention to a 'gaseous' cooling agent in a number of his patents, a herald for cryogenic engineering.

This allows for the transfer of information and the harnessing of radio waves. This was (and is) pivotal to the function of the Internet and remote controlling, from television to unmanned aerial vehicles to space drones.

This occurred in 1899, in a time when scientists discounted the idea; they had never heard of cosmic radio signals before and, thus, didn't believe it.

He used Earth's resonant frequency to pick up radio and television stations. With this discovery, he caused an earthquake that nearly destroyed the 5th Avenue building that housed his lab; it only stopped when he smashed the device.

Once upon a time, Tesla was commissioned by the U.S. Government to develop a wireless comm system.

So he did.

Wardenclyffe Tower was built to harness naturally occurring electricity in Earth's ionosphere and, from there, rebroadcast that electricity to individual relay stations that could be placed (conceivably) anywhere.

Picture one, two, or three of these on the roof
of Uptown East 2, powering the entire
building with ease, never running out of
energy, and on-hand for everything electronic
in the building.

AC one-upped Thomas Edison's Direct Current (DC) system. AC, powered by the electric motor, pretty much powers our lives today, over a century after its invention.

Tesla demonstrated the idea of radar nearly twenty years before it became feasible and used in war.

While Tesla wasn't necessarily a discoverer of x-rays, he was a pioneer in its early uses, though he realized early on their potential danger and refused to use them.

Tesla's flying machine, one of his last patents, appears to serve as a precursor to the present day's tilt-rotor Vertical Short Takeoff and Landing planes, like the V-22 Osprey.

Nikola Tesla is three parts equal awesome:

*His prowess in math and science, along with
his inventions, made leaping advancements
in engineering and the electrical world,
rivaling the effect Archimedes had in his
time.*

Like Steve Wozniak, the creator of the
Apple computer, Tesla wanted to fix
something that wasn't broken: instead of
PCs with Macs, Tesla fixed flame-
illumination with electricity.

And similar to Marvel's Tony Stark, Tesla could also make weapons for war. Unlike Stark, however, Tesla had visions of weapons so powerful that they would end war completely: death rays, a 'Tesla-shield,' vaporizers...whether the weapons would usher a peaceful end or bring about war's end by humanity's end is left up to debate.

He spoke eight languages fluently: Serbian,
English, Czech, German, French, Hungarian,
Italian, and Latin.

He believed in renewable energy sources
(solar, hydroelectric, and wind) as opposed to
the more popular fossil fuels, going green
before the phrase and movement was ever
popularized.

Tesla possessed a photographic memory, memorized and recited entire books he had read, solved advanced calculus and physics equations in his head, and had the ability to visualize complex pieces of machinery and use the mental images to rebuild devices.

In 2007, MIT scientists managed to light a 60-watt light bulb from an energy source seven feet away. They were super-psyched.

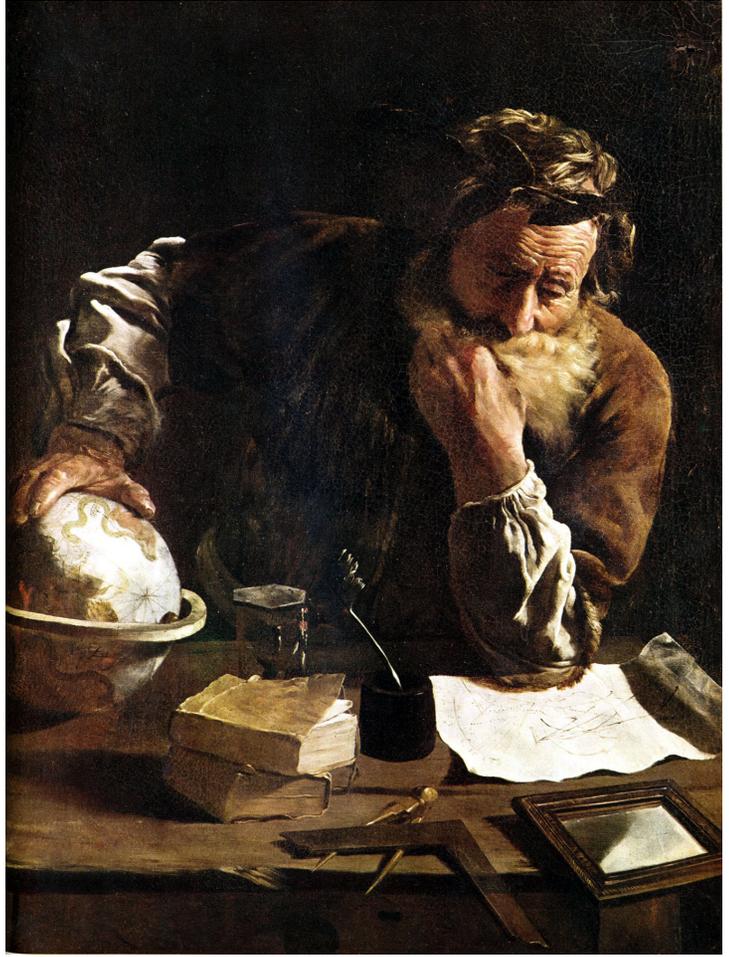
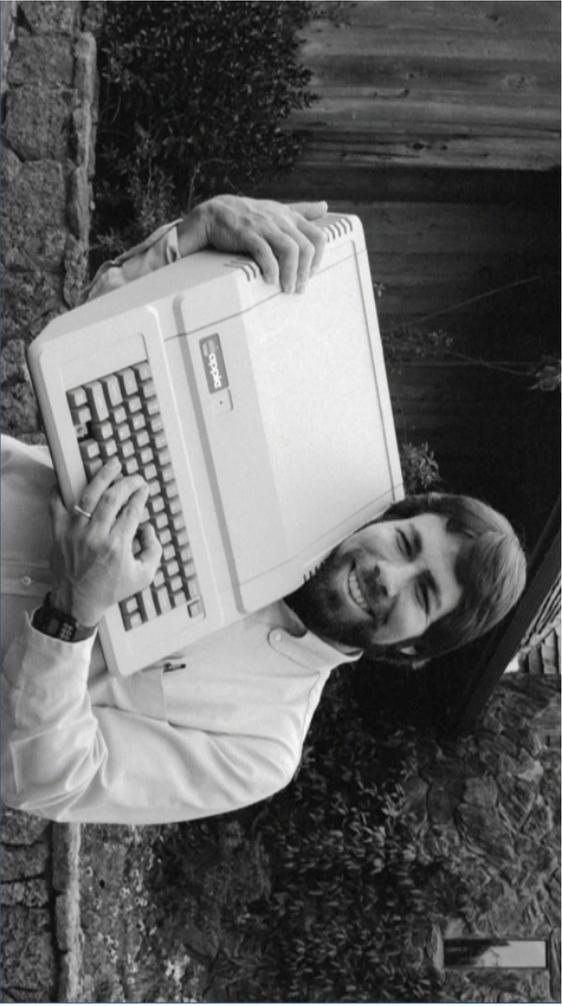
Tesla did the same exact thing in 1899...except he lit 200 light bulbs. And he did it from 26 miles away. And the machine he used to do so was built out of spare parts...in the middle of a desert.

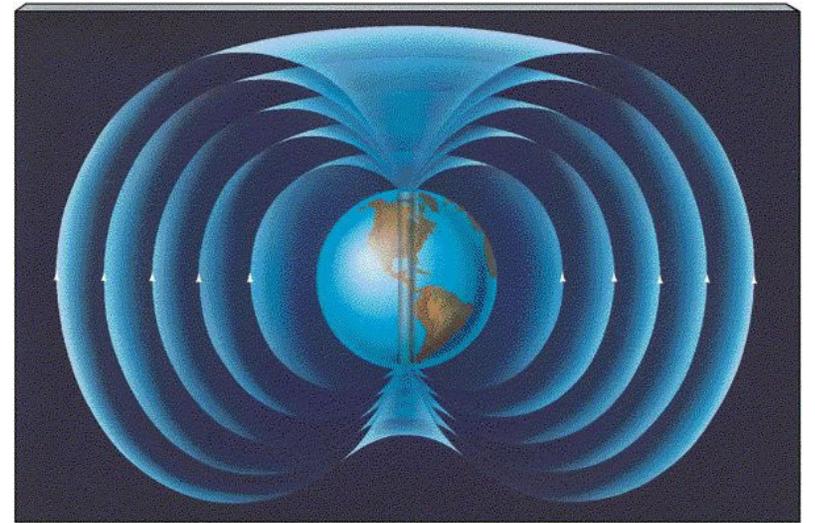
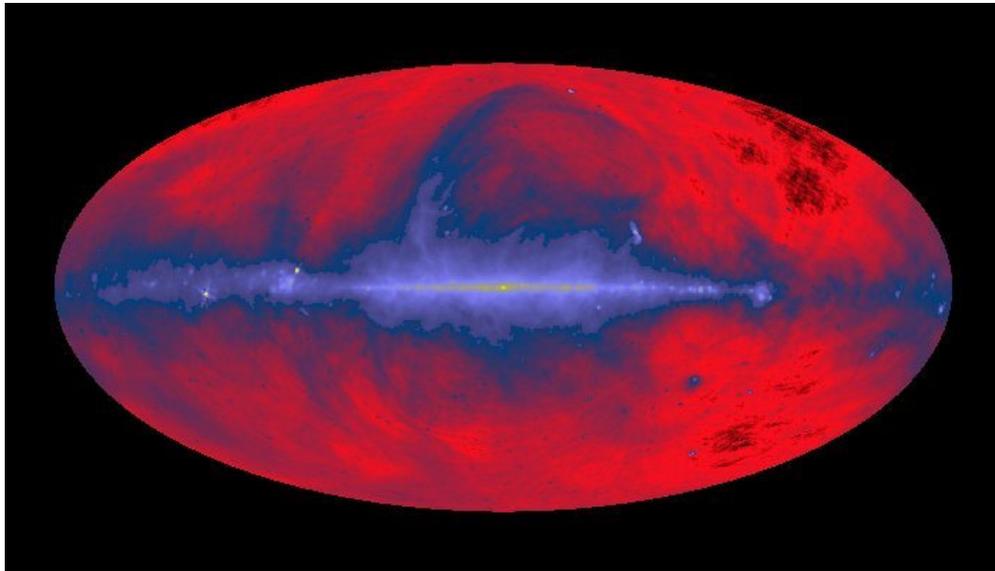
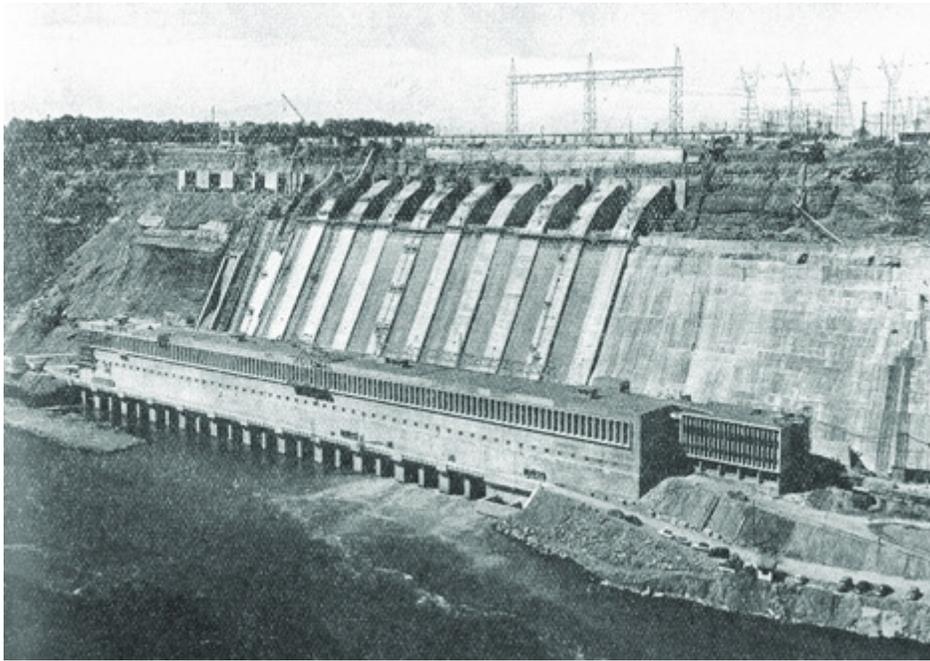
The trade-off for his genius a century ahead of his time was great, however:

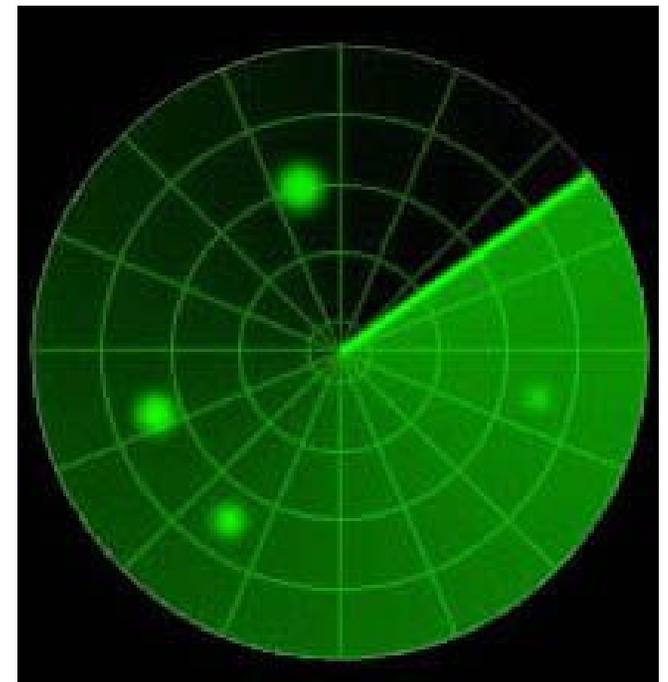
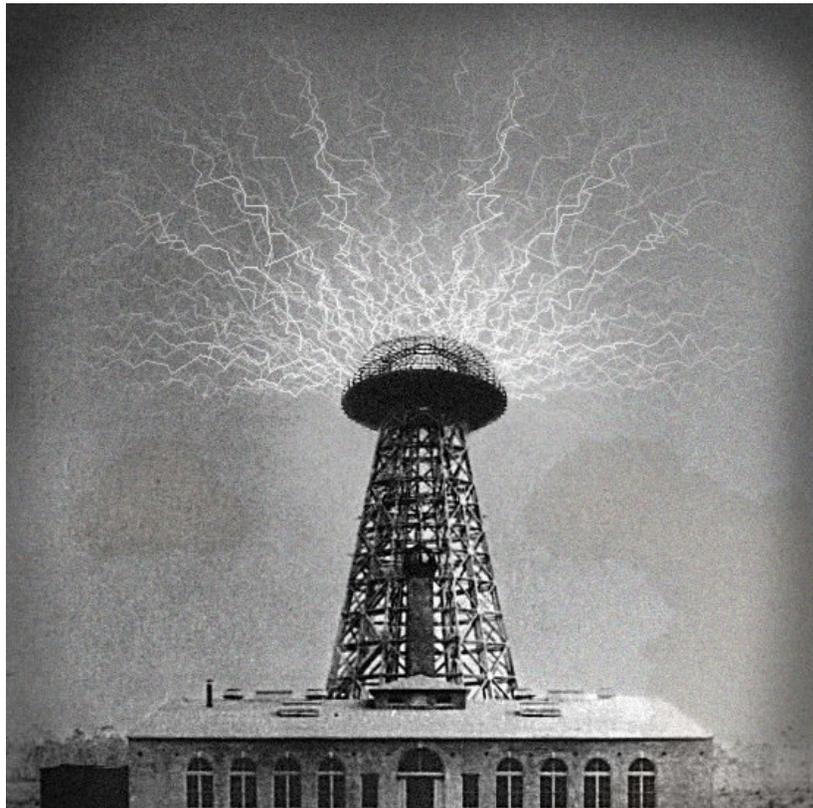
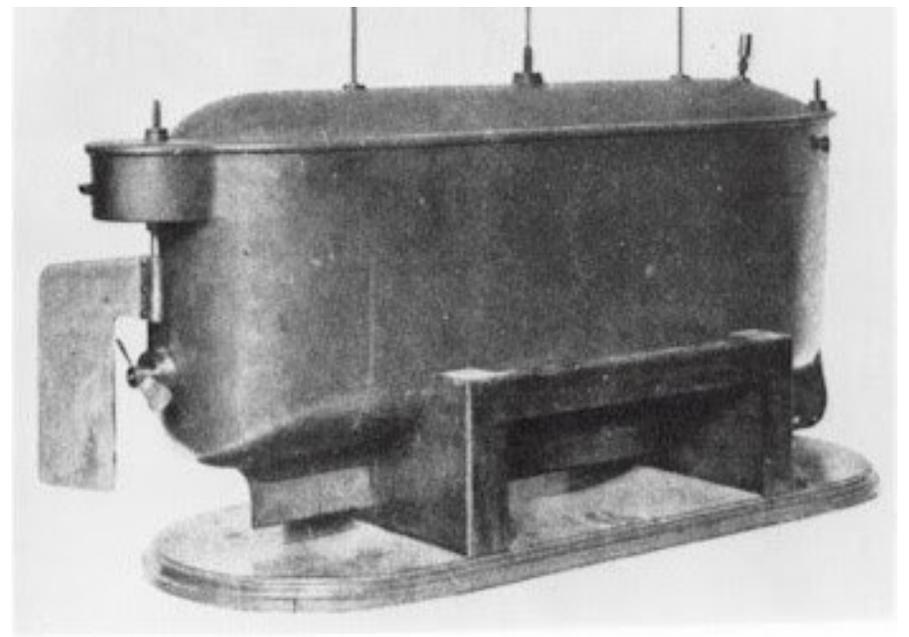
- Prone to nervous breakdowns
- Claimed to receive visions in the middle of the night
 - Spoke to and bonded with pigeons he fed
- Believed he received electromagnetic signals from extraterrestrials on Mars.
 - Obsessive-compulsive
- Hated round objects, human hair, jewelry, and anything not divisible by three.
- Remained asexual and celibate his whole life

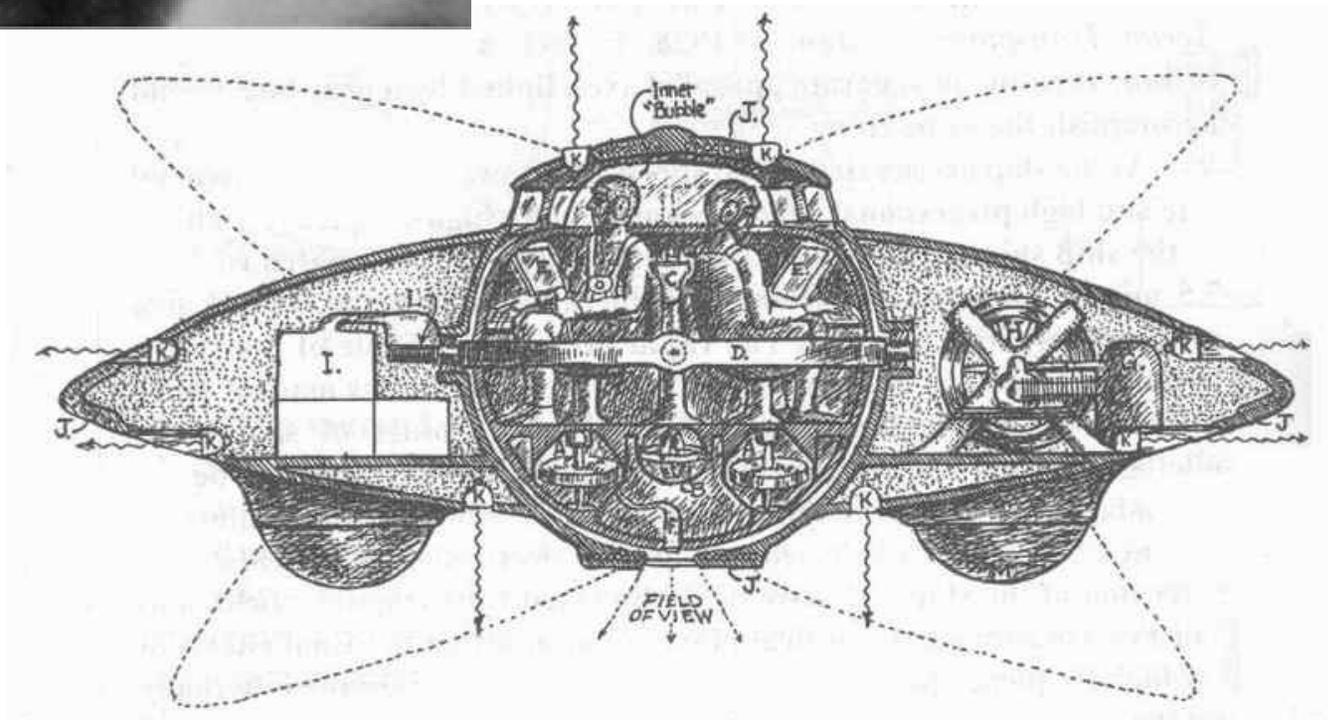
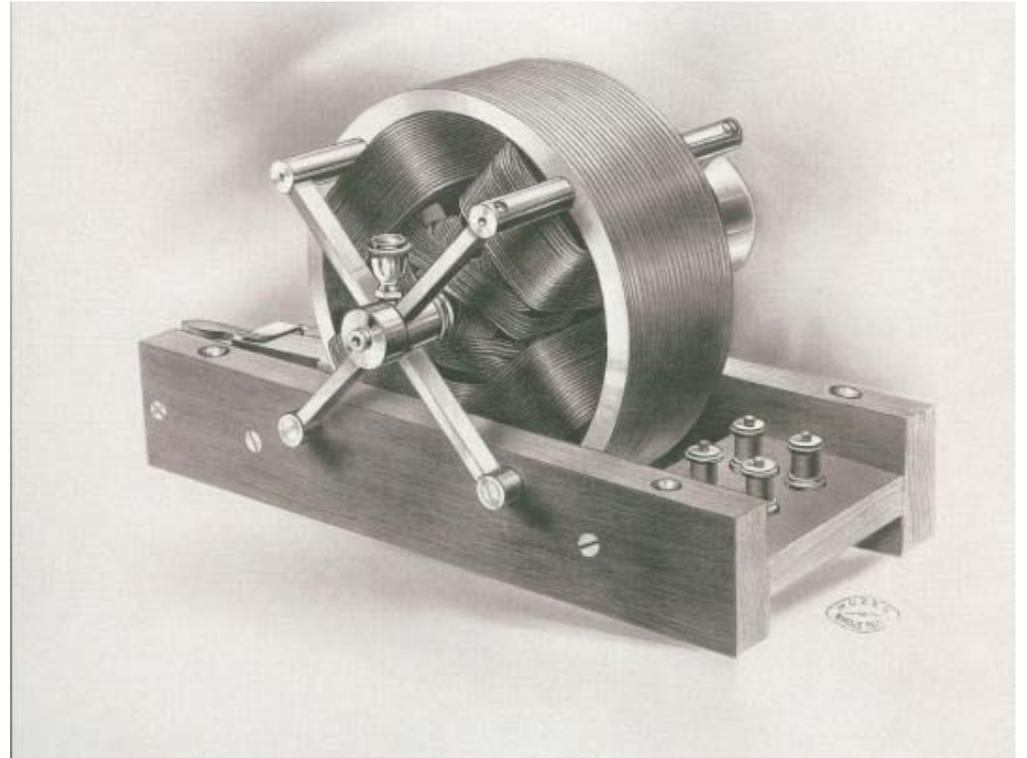
At the end of his life, the U.S. Government immediately seized all of his research. None of it has been disclosed to the public since Tesla's death.

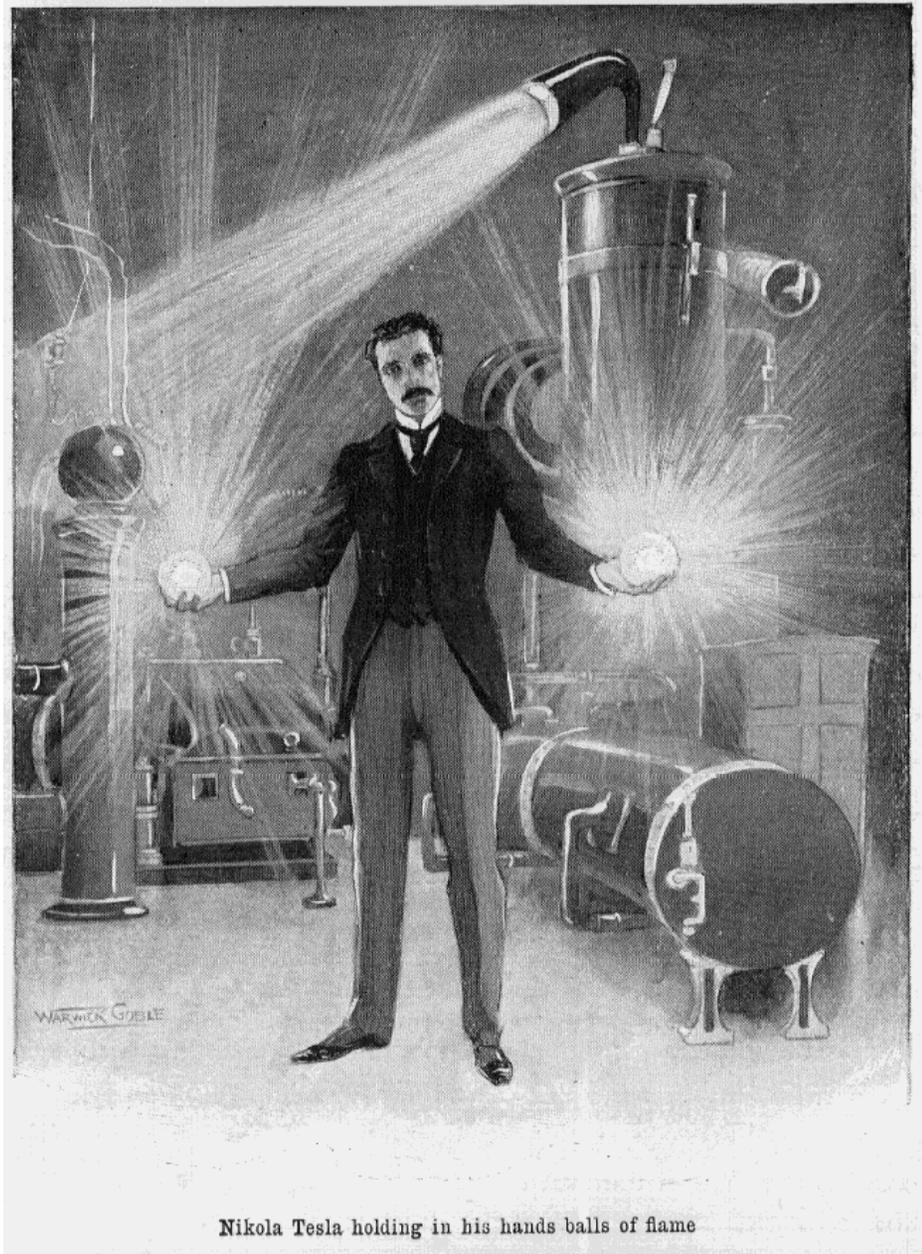
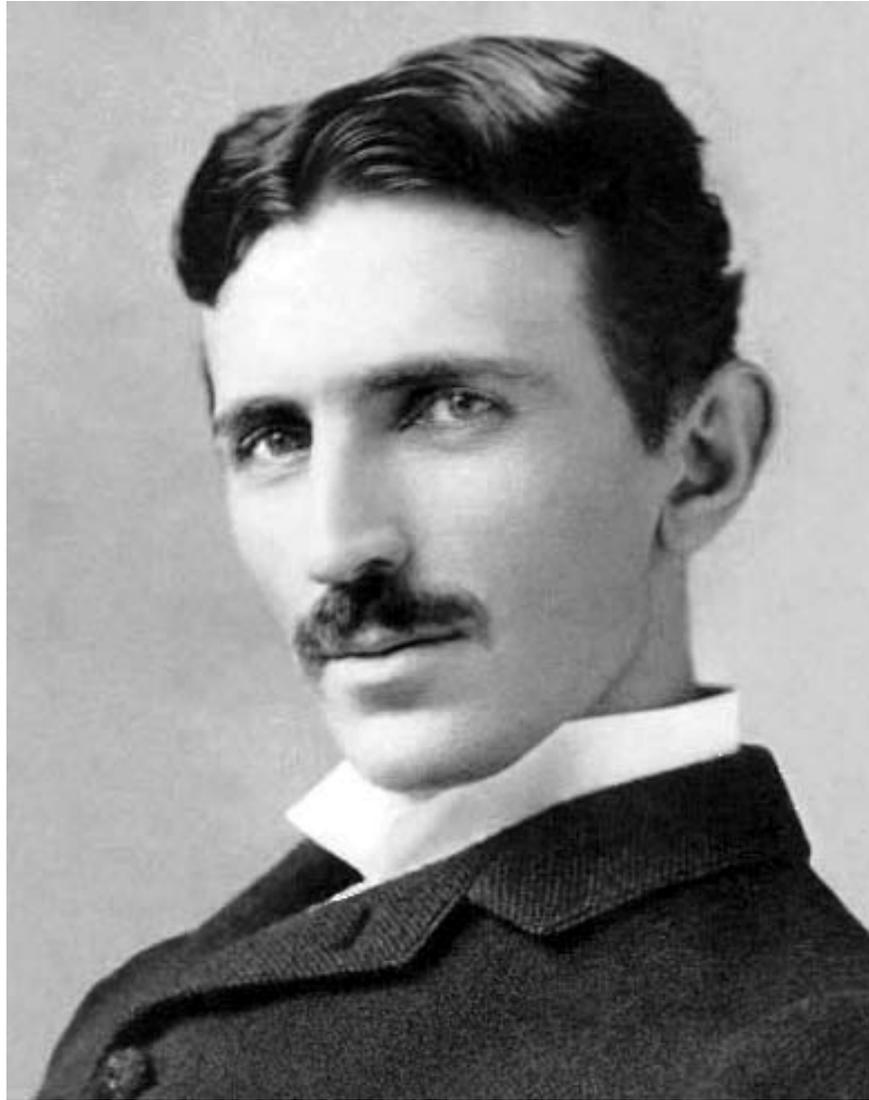
Nikola Tesla was good at a great many things before it mattered to be good at them. He possessed a selfless vision for the world and wanted to share it with everyone. In an America of self-centeredness and egos, we could use a few more altruistic inventors with the scope Tesla possessed.



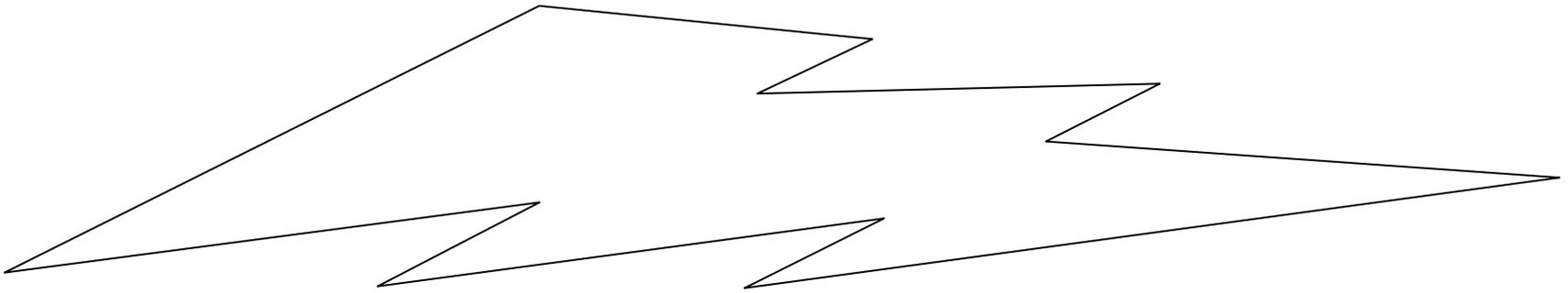
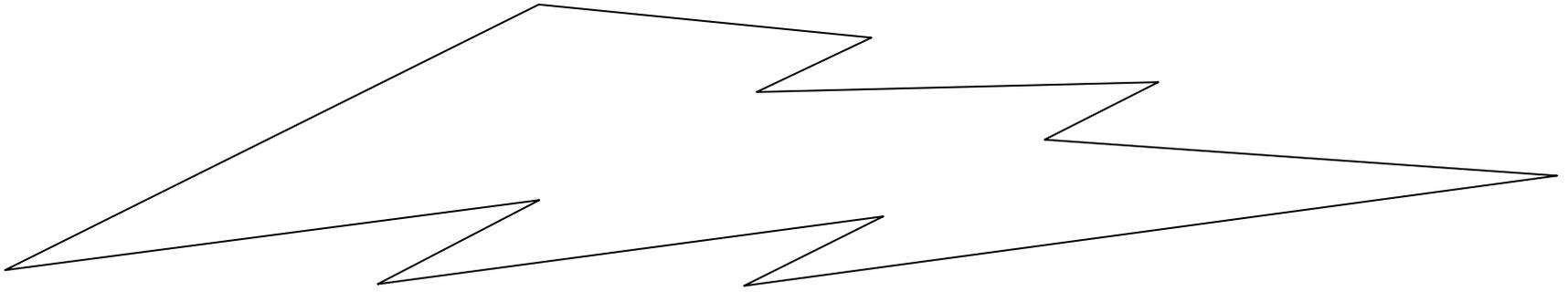
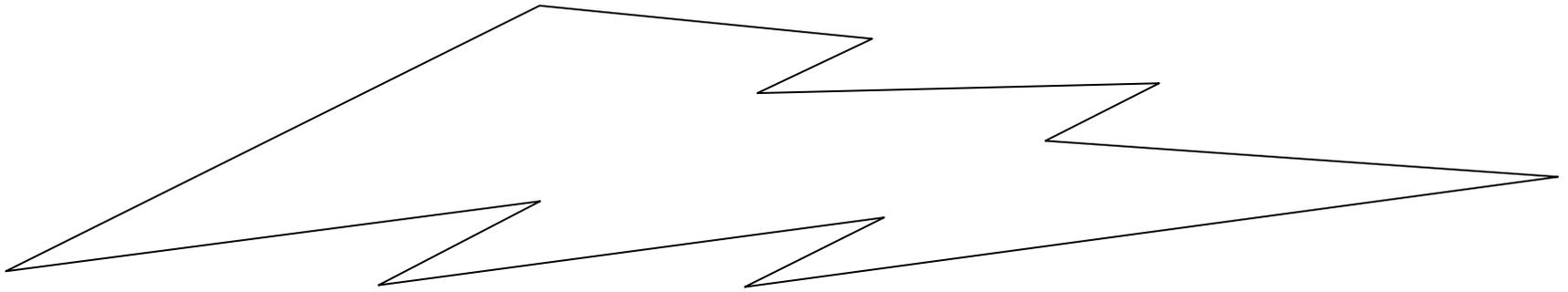












"Let the future tell the truth, and evaluate each one according to his work and accomplishments.

The present is theirs; the future, for which I have really worked, is mine."

"The future will show whether my foresight is as accurate now as it has proved heretofore."

"If I were ever assailed by doubt of ultimate success I would dismiss it by remembering the words of that great philosopher, Lord Kelvin, who after witnessing some of my experiments said to me with tears in his eyes: 'I am sure you will do it.'"

"My project was retarded by laws of nature. The world was not prepared for it. It was too far ahead of time. But the same laws will prevail in the end and make it a triumphal success."

"The spread of civilization may be likened to a fire; First, a feeble spark, next a flickering flame, then a mighty blaze, ever increasing in speed and power."

"Out of this war, the greatest since the beginning of history, a new world must be born, a world that would justify the sacrifices offered by humanity. This new world must be a world in which there shall be no exploitation of the weak by the strong, of the good by the evil; where there will be no humiliation of the poor by the violence of the rich; where the products of intellect, science and art will serve society for the betterment and beautification of life, and not the individuals for achieving wealth. This new world shall not be a world of the downtrodden and humiliated, but of free men and free nations, equal in dignity and respect for man."

"Of all the frictional resistances, the one that most retards human movement is ignorance, what Buddha called 'the greatest evil in the world.' The friction which results from ignorance can be reduced only by the spread of knowledge and the unification of the heterogeneous elements of humanity. No effort could be better spent."

"The mind is sharper and keener in seclusion and uninterrupted solitude. No big laboratory is needed in which to think. Originality thrives in seclusion free of outside influences beating upon us to cripple the creative mind. Be alone, that is the secret of invention; be alone, that is when ideas are born."