

# Thomas Edison American Inventor

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More recently, people on the planet slept up to 10 hours a day, but with the advent of electricity, mankind began to spend less and less time in bed. The electrical revolution was made by **Thomas Alva Edison**.



*Thomas Edison*  
(1847-1931)

I decided to devote my work to the great inventor Thomas Edison. I recently watched a film about him, *The Current War* (USA, 2017). This movie really impressed me. This is a fascinating film about inventors and their ambitions. The whole story of the light bulb is told in it.



*The Current War* (USA, 2017)

Thomas Edison was born in 1847. Edison had almost no formal schooling. His mother taught him lessons at home and he only studied the things he wanted to know. At the age of ten he read his first sciencebook. He organized a scientific laboratory in the basement of the house. Then he started inventing things.



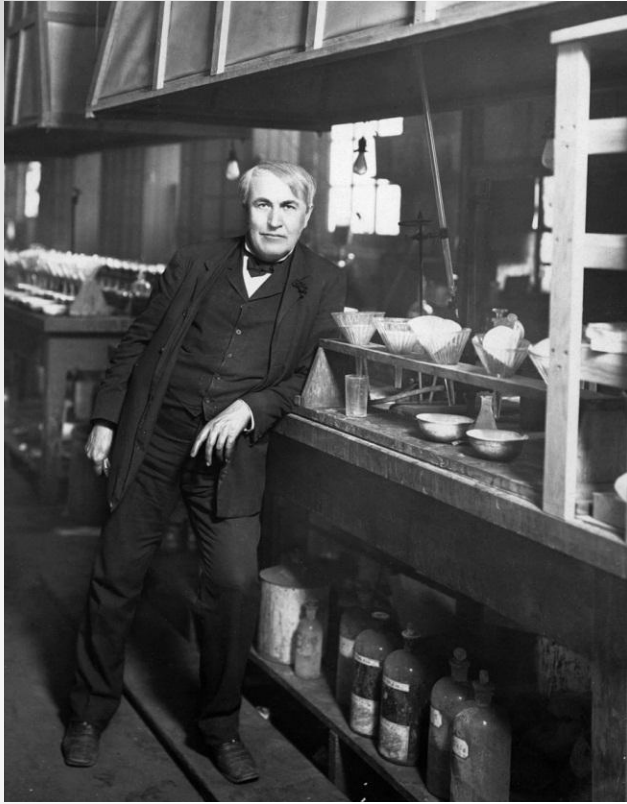
*Thomas Edison as a young boy*

At the age of 12 he sold fruit, snacks and newspapers on the railroad between Detroit and Port Huron. In 1863 Edison became an apprentice telegrapher. Even though he was already losing his hearing, he could still hear the clicks of the telegraph. At the age of twenty-three, he made a special telegraphic machine and sold it for a lot of money.

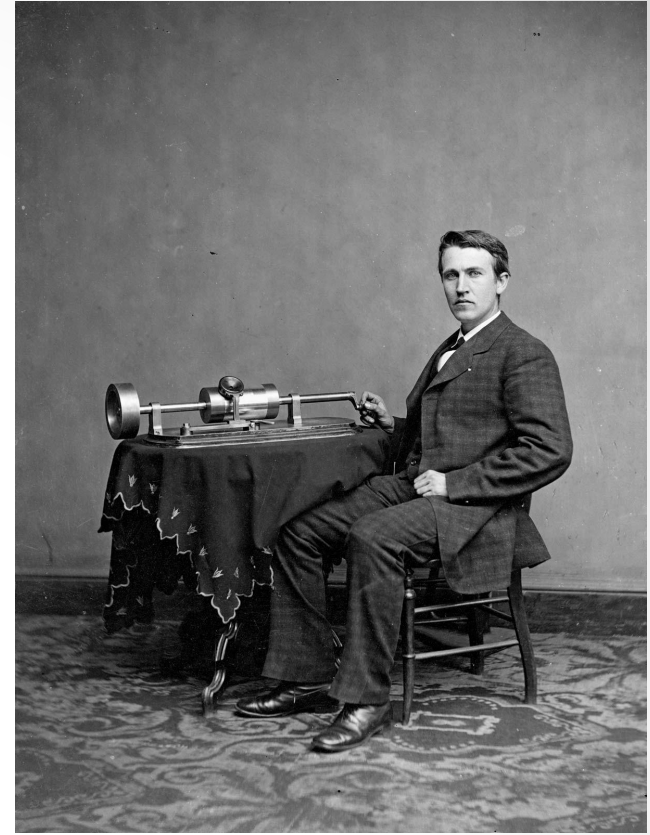
*The Edison's telegraph*



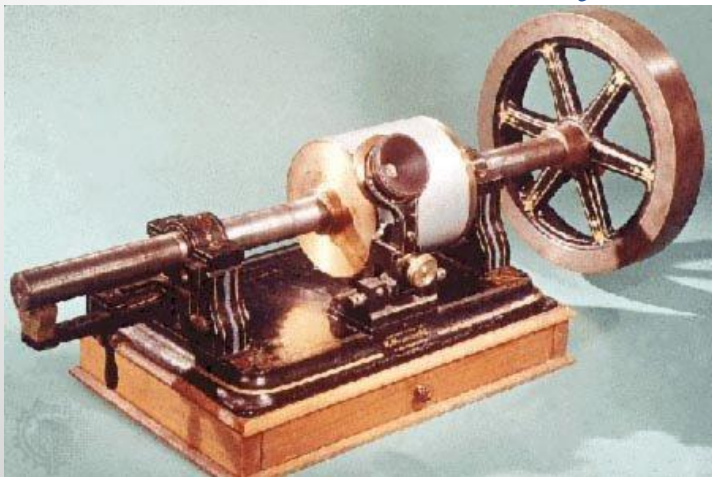




Edison moved to Menlo Park. There he built his most famous laboratory. He worked day and night. That is why Edison liked to say, "Genius is 1% inspiration and 99% perspiration."



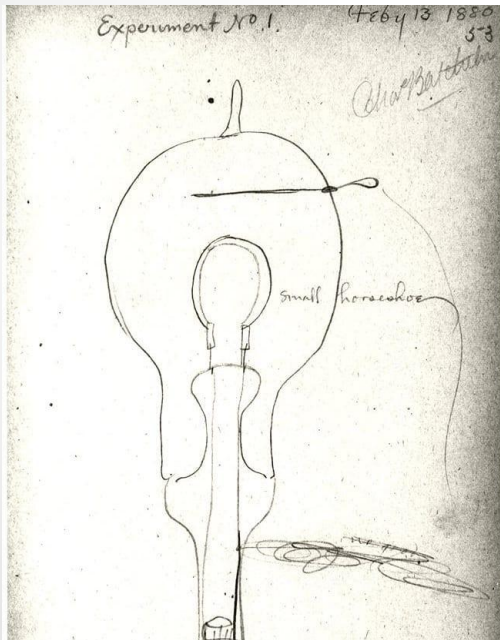
*Thomas Edison demonstrating his tinfoil phonograph, 1877.*



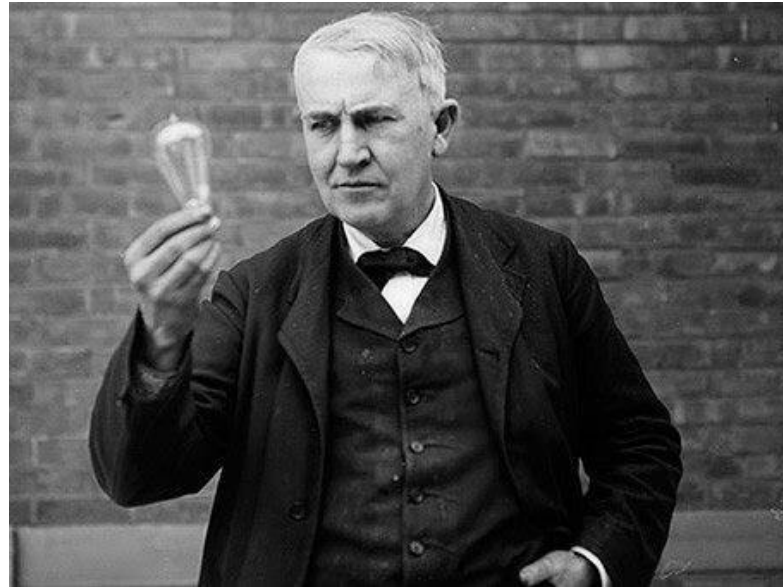
Thomas Edison unveiled the phonograph - the first ever sound recorder - in 1877. Edison was projected into worldwide prominence and was dubbed the Wizard of Menlo Park.

*Thomas Edison's phonograph of 1877*

Thomas Edison invented his electric light bulb in 1879. In 1882 New York was the first city in the world with electric lights. By 1887, much of New York City had electricity. Edison founded the Edison Electric Light Company. Edison designed a system of power plants that make the electrical power and the wiring that brings it to people's homes. One key invention led humanity from darkness to light, turned night into day, and influenced all aspects of life. This simple thing that changed the world was an electric light bulb.



*The first sketch of an improved electric light, drawn by Edison's own hand, 1880*



*"We will make electricity so cheap that only the rich will burn candles", Thomas Edison*

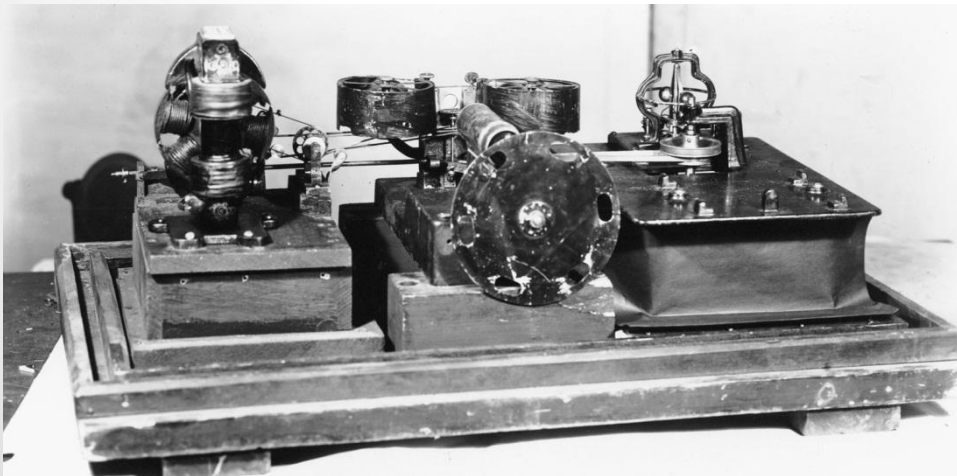


*A sketch of the exterior of the Pearl Street station, New York, 1882*



Imagine all the things you "plug in." What would your life be like without them? It is difficult to imagine anything that would change our life at home, work or in society more than a light bulb. Lighting made it possible to work in shifts, including at night, and increased labor productivity. Transport has also changed. Changes have taken place in the field of entertainment and advertising, at work, on vacation and at home.

In 1889 he made a «kinetoscope». He also made films for his new machine. In 1903 he made the world's longest film (It was ten minutes long!)



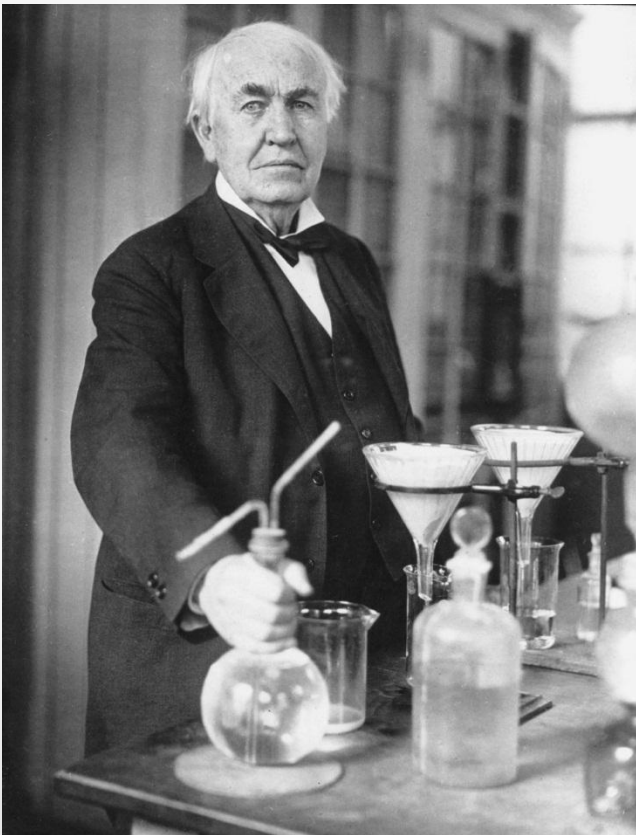
*Kinetograph, the first camera to take motion pictures on a moving strip of film, 1889*



*Edison's home and office*

Thomas Edison was the most famous inventor in American history. Though he is best known for his invention of the phonograph and incandescent electric light, Edison took out 1,093 patents in a variety of fields.

Many people say that Edison was a genius — one of the smartest people in the world! Edison died at the age of eighty-four (1931). In his honour they switched off the lights all over America.



*Thomas Edison on his 75th birthday*



*Watch transformation of young Thomas Edison to old*

# СПИСОК ЛИТЕРАТУРЫ

## **Thomas Edison's Most Famous Inventions**

<https://www.thomasedison.org/inventions>

## **Thomas Edison's 10 Most Inspiring Quotes**

<https://www.electricalmarketing.com/commentary/article/20911294/thomas-edisons-10-most-inspiring-quotes>

## **Thomas A Edison/ *Edison Innovaton Foundation***

<https://www.thomasedison.org/thomas-edison-ted-talk>

## **Thomas Edison**

American inventor

<https://www.britannica.com/biography/Thomas-Edison>

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