

Inventions in the Industrial Revolution

Light Bulb (1879)

The light bulb was invented in 1879 by Thomas Edison but later discovered 40 years later by Warren de La Rue. The purpose of inventing it was to give off light and a more consistent, longer-lasting, higher quality light.



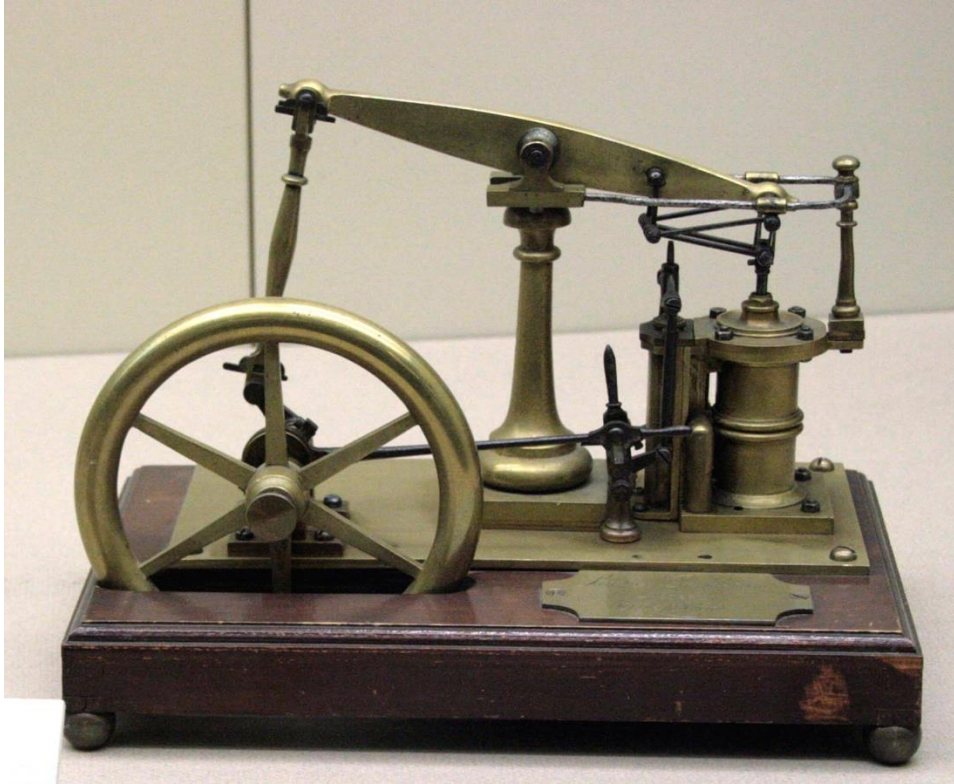
Spinning Jenny (1764)

The spinning Jenny was invented in 1764 by James Hargreaves in Stanhill, Oswaldtwistle, Lancashire in England. The purpose of this device was to reduce the work needed to produce cloth.



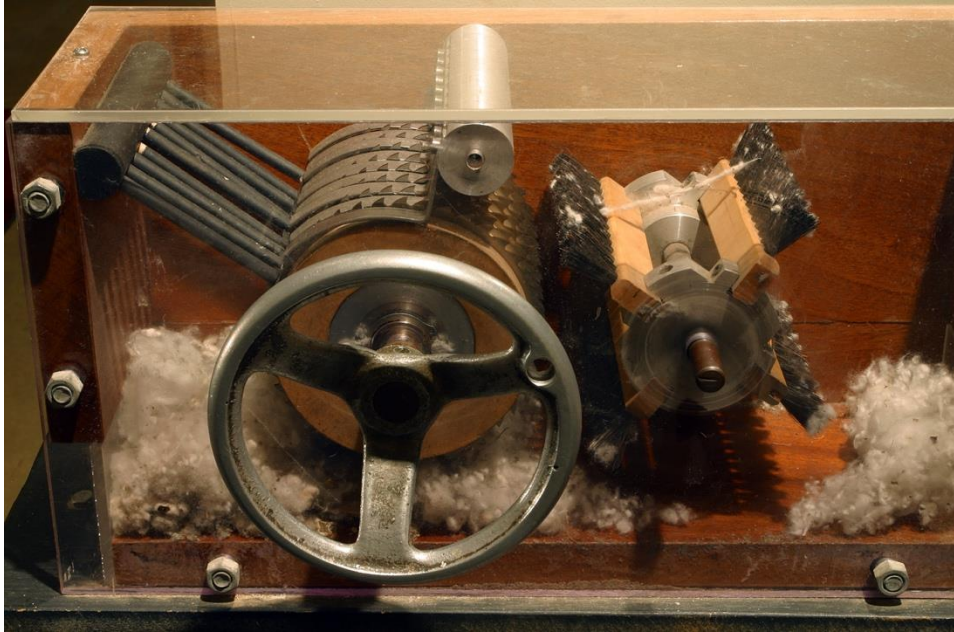
Steam Engine (1712)

The Steam Engine was invented by Thomas Newcomen in 1712. They were used in factories, mines, locomotives, and steamboats. They take steam from boiling water and use it to drive a piston(s) back and forth.



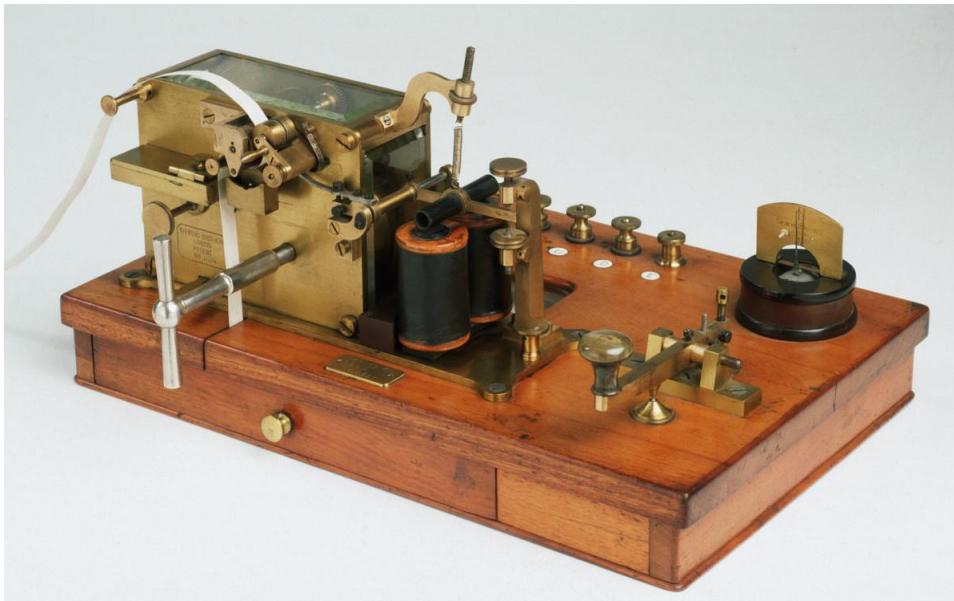
Cotton Gin (1794)

The Cotton Gin was invented in 1794 by Eli Whitney. The Cotton Gin was used for fast production of cotton by increasing the speed of removing seeds from cotton fiber.



Electrical Telegraph (1830-1840)

The Electrical Telegraph was invented sometime during the 1830s-1840s by Samuel Morse. It was made for receiving and sending messages over long distance.



Power Loom (1785)

The Power Loom was invented in 1785 by Edmund Cartwright. It was designed to weave threads into cloth and was steam powered.



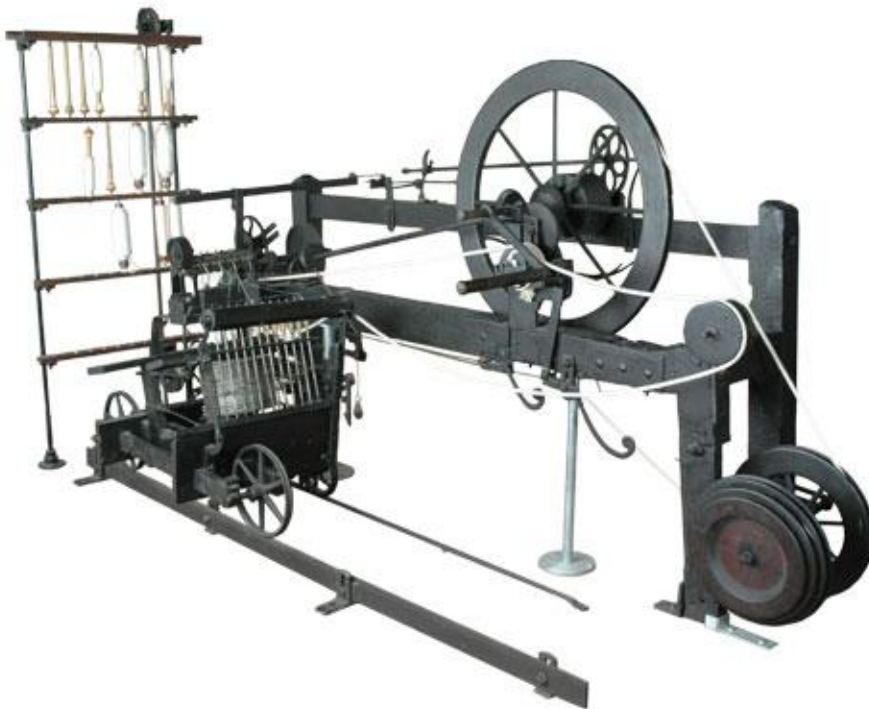
Flying Shuttle (1733)

The Flying Shuttle was invented by John Kay in 1733. Its purpose was to let a single weaver to weave wider fabrics.



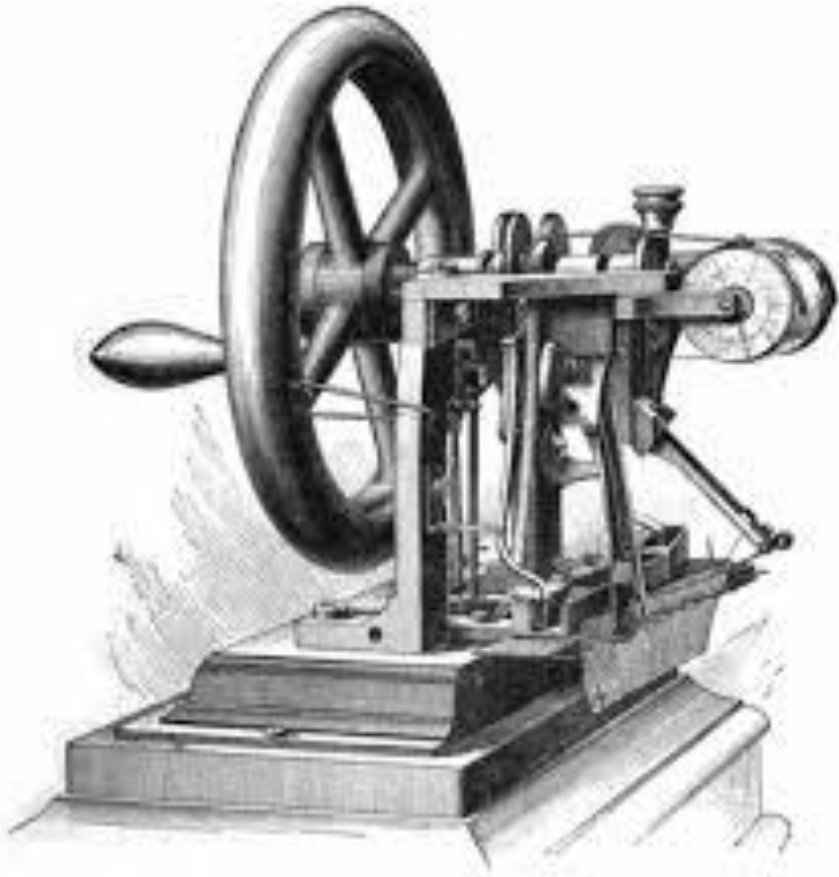
Spinning Mule (1779)

The Spinning Mule was invented by Samuel Crompton in 1779. It increased the amount of cotton that could be spun at any one time.



Sewing Machine (1790)

The Sewing Machine was invented in 1790 by Thomas Saint. It's used to sew fabric or other materials with thread.



Dynamite (1867)

Dynamite was invented in 1867 by Alfred Nobel. It was mainly used to explode mines and rock for materials or industrialization.



How did the Lightbulb evolve over time?

Thomas Edison invented the lightbulb in 1879. They lasted longer and were brighter than lights with carbon filaments. Then later in 1939, fluorescent lights were introduced to the New York World's Fair and the Golden Gate Exposition by GE and Westinghouse. LEDs were later invented by Nick Holonyak. 2002-2008 was when LED bulbs started making their way into residential homes. Now, from 2014-2019, lightbulbs have made a major leap in technology, as we now have LED strips, smart light bulbs, and many other more advanced light appliances. While the look of lightbulbs has obviously changed, so has the purpose. Before lightbulbs were strictly used to light up an area to see, now we use lights as decoration and entertainment, as well as mandatory use like lamps and ceiling lights.

Timeline

| | | | | | | | | | |
|---------------------|-----------------------|-----------------------|----------------------|-------------------|-----------------------|-------------------|----------------------------------|-----------------|-------------------|
| Steam Engine (1712) | Flying Shuttle (1733) | Spinning Jenny (1764) | Spinning mule (1779) | Power Loom (1785) | Sewing Machine (1790) | Cotton Gin (1794) | Electrical Telegraph (1830-1840) | Dynamite (1867) | Light Bulb (1879) |
|---------------------|-----------------------|-----------------------|----------------------|-------------------|-----------------------|-------------------|----------------------------------|-----------------|-------------------|

- A) I knew the information was reliable because I checked that the same information was on numerous different sites.
- B) I chose Word because in my opinion it's the easiest to work with and understand.
- C) Yes
- D) I would use my time more wisely and have it planned out more.

Bibliography

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