

# FAMOUS INVENTIONS

1. Fill in the blanks using Past Simple Active or Passive voice

## RADIO



The story of invention of the radio is rather complicated. Serbian-American scientist Nikola Tesla and Italian physicist Guglielmo Marconi \_\_\_\_\_ (work) on sending and receiving radio waves. In 1884 Tesla \_\_\_\_\_ (invent) the induction coil or Tesla coil, the device responsible for sending radio waves.

Italian inventor Guglielmo Marconi \_\_\_\_\_ (develop) the idea of a radio in 1890-s. And in 1896 his first radio signal \_\_\_\_\_ (send) in Italy. Tesla \_\_\_\_\_ (grant) a patent for Tesla coil and that year Marconi also \_\_\_\_\_ (fill) patent for telegraphy. But Marconi \_\_\_\_\_ (refuse) a patent because he \_\_\_\_\_ (use) Tesla's technology. But Marconi \_\_\_\_\_ (use) his connections to get a patent and as a result and he \_\_\_\_\_ (sue) by Tesla. Nevertheless Tesla \_\_\_\_\_ (lose) this court case. Only in 1943 Tesla \_\_\_\_\_ (restore) as the inventor of the radio.

## BATTERY



The Italian physicist Alessandro Volta \_\_\_\_\_ (know) for the invention of the first battery. Volta \_\_\_\_\_ (perform) a series of experiments using zinc and silver disks. In 1800, Volta \_\_\_\_\_ (create) the first true battery, which \_\_\_\_\_ (know) as the "voltaic pile."

However, Volta's battery \_\_\_\_\_ (have) some flaws, like the electrolyte leaking or short-circuits. These flaws \_\_\_\_\_ (solve) by William Cruickshank, a Scottish military surgeon and chemist. His battery \_\_\_\_\_ (know) as the trough battery. An English professor of chemistry named John Frederic Daniell also \_\_\_\_\_ (improve) Volta's battery and \_\_\_\_\_ (invent) own battery called The Daniell cell. The Daniell cell \_\_\_\_\_ (also/use) as the first working standard for definition of the volt, which is the unit of electromotive force.

Many scientists \_\_\_\_\_ (try) to make batteries more convenient to use. The most notable have been the entrance of lithium batteries into the commercial market. In 2019, John B. Goodenough, M. Stanley Whittingham, and Akira Yoshino, \_\_\_\_\_ (award) the Nobel Prize in Chemistry 2019, for their development of lithium-ion batteries.

