

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.

