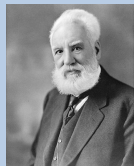




# Bells Invented the Modern World

## Telephones & Telecommunications



Alexander Graham Bell (1847-1922) invented the telephone, which revolutionized communication, leading to many innovations, including today's smartphones.



## Forensic Science & Modern Detective Stories

Dr. Joseph Bell (1837-1911) forensic pathologist at the University of Edinburgh was noted for keen observation and logic that inspired his student Sir Arthur Conan Doyle to create the character of Sherlock Holmes. People saw that police should have these methods for crime investigation, leading to Scotland Yard and FBI crime labs and to modern forensic science.



## Agriculture

Rev. Patrick Bell (1800 – 1869) invented a reaping machine that was the forerunner of the combine harvester

## Aviation & Helicopters

Larry Bell (1894 - 1956) founded the Bell Aviation Company, an innovator in aviation. Bell Aviation developed the first gyro stabilized weapons sighting, and built the first US jet airplane to fly. Bell Aviation also built the experimental Bell X-1 rocket plane, the world's first airplane to break the sound barrier, and was a major innovator in helicopters.



## Transportation



Henry Bell (1767 - 1830) pioneered development of the steamship, and introduced the first successful passenger steamboat service in Europe.

## Medicine & Neurology



Sir Charles Bell (1774 - 1842) a surgeon, anatomist, and neurologist. Charles Bell is noted in medicine for discovery of Bell's nerve, Bell's palsy, Bell's spasm, Bell's phenomenon (a protective movement of the eye), and the Bell-Magendie law on spinal nerves).

## Organizing Human Knowledge & Education

Andrew Bell (1726-1809) was co-founder of the Encyclopedia Britannica, which created a comprehensive catalog of the body of human knowledge. He was also the sole proprietor of the Encyclopedia Britannica for a time after its founding.



## Fast Food

Glen William Bell, Jr. (1923 - 2010) created Taco Bell and franchised it in 1964.

## Great Scotch Whiskey

Arthur Bell (1825 - 1900), was the creator of Bell's Whisky - the best selling scotch in Scotland and the UK.





# More Bells *Invented the Modern World*



## Astrophysics and Pulsars

Jocelyn Bell Burnell (1943 – living) was the first scientist to observe radiation emitted from pulsars, small stars with huge masses that rotate at tremendous speeds. The precise and consistent timing at which pulsars spin makes them extremely reliable natural clocks for astrophysicists, who used them to help map the visible universe. Two of her male colleagues were handed the 1974 Nobel Prize in Physics for the research, but Prof Bell Burnell was controversially overlooked. Dame Jocelyn Bell Burnell was awarded the Breakthrough Prize in Fundamental Physics for “profound contributions to human knowledge” in 2018 for the role she played in the discovery of pulsars. She donated the \$3 million prize to fund scholarships for science.

## Legal Scholar



George Joseph Bell (1770 - 1843) was Professor of Scots Law at the University of Edinburgh and wrote "Principles of the Law of Scotland", which became a standard text-book for law students for generations. He also wrote books on mercantile jurisprudence and on bankruptcy. In 1831 he was appointed to one of the principal clerkships in the Scottish supreme court.

## Middle East Diplomacy

Gertrude Bell (1868 - 1926) was an English writer, traveler, political officer, administrator, and archaeologist who explored, mapped, and became highly influential to British imperial policy-making due to her knowledge and contacts. Along with T. E. Lawrence, Gertrude Bell helped support the Hashemite dynasties in what is now Jordan and Iraq. She played a major role in establishing, negotiating borders and helping administer Iraq, with her unique perspective and relations with tribal leaders throughout the Middle East. She was highly esteemed and trusted by British officials and exerted an immense amount of power. She was a confidante of King Faisal of Iraq.



## Nuclear Physics

John Stewart Bell (1928 – 1990) was the originator of Bell's theorem, an important theorem in quantum physics regarding hidden variable theories. Bell worked at CERN, in Geneva, Switzerland on theoretical particle physics and on accelerator design, and also investigated the foundations of quantum theory.



## Electrical Engineering

Louis Bell (1864 - 1923) was an inventor and pioneer in electricity. He designed and installed the first three phase generators in industrial plants in the US. Louis Bell was the first head of the School of Electrical Engineering at Purdue University and was also a professor of Applied Electricity.

