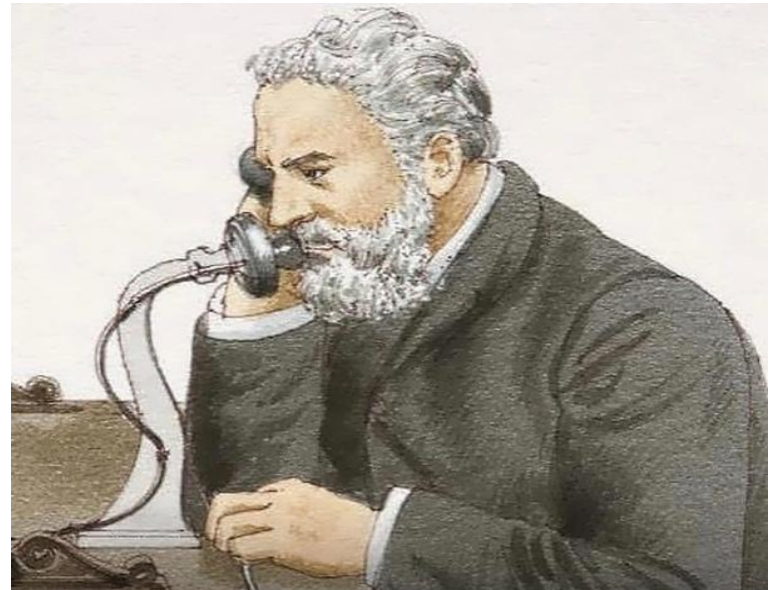
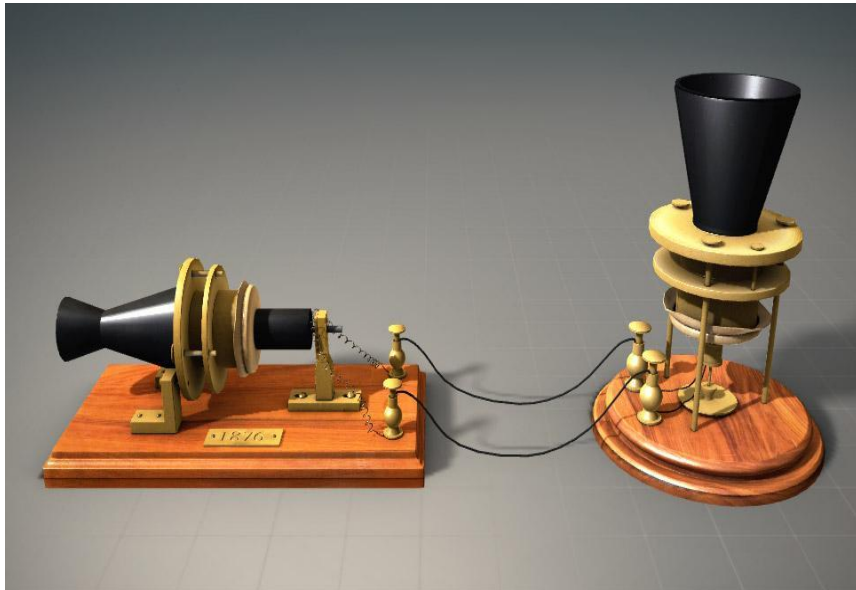


Telephone

- Before the invention of telegraphs (optical and electric) and the telephone, primitive methods such as whistles, gongs, smoke signals, or drumming were used to transmit messages over long distances. For example, a rifle shot can be heard at a distance of about ten kilometers, and audibility is strongly affected by the presence of loud noises nearby; the signal may be distorted by extraneous shots. All these devices were imperfect because of the dispersion of sound at a distance: to transmit the signal as far as possible, it was necessary to create intermediate points at which other signal feeders, having heard the signal of the previous transmitter, transmitted the sound further. Part of this problem would be solved by transmitting signals through water or metal, in which the sound travels at a higher speed and fades somewhat later. The invention of a device that would use the properties of electricity to transmit and receive sound — the telephone that is now in use — was preceded by the advent of the electric Telegraph and its successful application during the first half of the nineteenth century.

- The telephone, patented in the United States in 1876 by Alexander bell, was called the "talking Telegraph". Handset bell served in the queue and for transmitting and receiving human speech. A. bell's phone did not have a ring, and it was later invented by a colleague of A. bell — T. Watson (1878). The caller produced through the phone using a whistle. The range of this line did not exceed 500 meters. For a long time, it was Alexander bell who was considered the official inventor of the telephone, and only on June 11, 2002, the US Congress in resolution No. 269 recognized the right to invent the phone for Antonio Meucci.



- On March 7, 1876, Alexander bell received a patent for the invention of the telephone. It is curious that Alexander bell tried to invent not the telephone, but the "harmonic Telegraph". At that time, there was a huge shortage of lines in telegraphy.
- On June 25, 1876, Alexander bell demonstrated his phone for the first time at the first world electrical exhibition in Philadelphia.