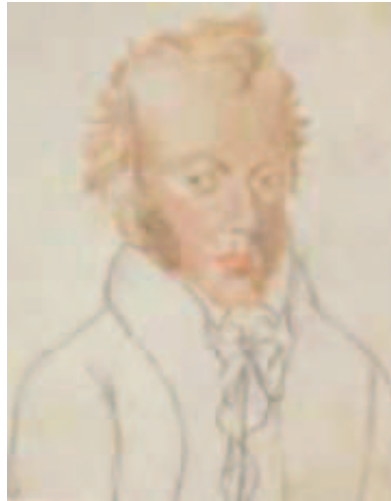


Kempelen Farkas

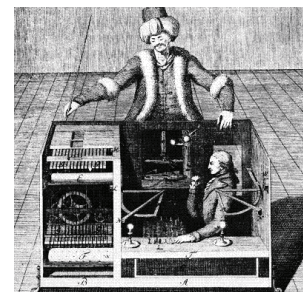


(1734 – 1804)

The child of the immigrant parents with ancestry Irish his studies his hometown in Bratislava, made it in Győr, Vienna and Rome then. Studied philosophy, a right, practised the chalcography, but the mathematics and the physics interested it. Learned law and philosophy in Vienna, started working as a clerk at the same place then. In 1767 than Bácska setup commissioner, resettled the unpeopled one changes areas, silk factories established, organized village communities. Around 1770 – firstly on the world – devised speech synthesizers, which ones the air pressed into it to the human sound it was transformed into similar air vibrations. It only remained there is a copy in Munich Deutsches Museum today. His study from the human speech the modern phonetics researches laying the foundations. (*Mechanismus der menschlichen Sprache nebst der Beschreibung seiner sprechenden Maschine. Wien, 1791.*)

The steam engine planned with the steam capacitor was his newer invention was, that set up near Vienna Stubentor. Onto the correction of the water supply of Buda planned a water crane with two pumps. The horse driving pumps set up on the today's Várbazár pulled the water up from the wells bored on the coast of Danube. Kempelen edited the ancestor of the steam turbine and handed in his invention in 1788 to II. József.

The chess-playing machine, which he prepared in 1769, is his other famous invention. A man was hidden in a machine though on the name “Sakkozó Török” he was concealed, but this invention deducts little from his novelty, since the man was not visible for the audience, but mirrors placed cunningly and gaps oriented themselves and themselves from within with his help. Beside this typographical typesetter chest, printer machine to the education of the blind ones and prepared a steam engine and built a mobile sickbed got the smallpox for Maria Theresa. Died poorly because I. Ferenc brought his support to an end, possible his Jacobin contacts.



His chess-playing machine