

In 1839, he and Niépce's son sold the rights for the daguerreotype to the French government and published a booklet describing the process. The daguerreotype gained popularity quickly; by 1850, there were over seventy daguerreotype studios in New York City alone.

daguerreotype – дагерротипія

Sir John F.W. Herschel – сер Джон Хершел

Joseph Nicéphore Niépce – Джозеф Нісефор Н'єпс

Louis Jacques Mandé Daguerre – Луї Жак Манде Дагер

HISTORY OF PARACHUTES

Доп. - Скорик А.В., I-54

Наук. кер. - ст.викл. Початко Т.В

Credit for the invention of the first practical parachute frequently goes to Sebastien Lenormand who demonstrated the parachute principle in 1783. However, parachutes had been imagined and sketched by Leonardo Da Vinci (1452-1519) centuries earlier and other inventors have designed parachutes, including Croatian Faust Vrancic who constructed a device based on Da Vinci's drawing and jumped from a Venice tower in 1617. Faust Vrancic published *Machinae Novae*, in which he describes in text and picture fifty-six advanced technical constructions, including Vrancic's parachute called the *Homo Volans*.

Jean Pierre Blanchard (1753-1809) a Frenchman was probably the first person to actually use a parachute for an emergency. In 1785, he dropped a dog in a basket, to which a parachute was attached, from a balloon high in the air. In 1793, Blanchard claims to have escaped from an exploded hot air balloon with a parachute. Blanchard, it should be noted, also developed the first foldable parachute made from silk, up until that point all parachutes were made from rigid frames.

In 1797 (October 22), Andrew Garnerin was the first person recorded to jump with a parachute without a rigid frame. Garnerin jumped from hot air balloons as high as 8,000 feet in the air. Garnerin

also designed the first air vent in a parachute intended to reduce oscillations.

In 1837, Robert Cocking became the first person to die from a parachute accident.

In 1887, Captain Thomas Baldwin invented the first parachute harness and in 1890, Paul Letteman and Kathchen Paulus invented the method of folding or packing the parachute in a knapsack to be worn on the back before its release. Kathchen Paulus was also behind the invention of the intentional breakaway, which is when one small parachute opens first and pulls open the main parachute.

Two parachuters claim to be the first man to jump from an airplane, both Grant Morton and Captain Albert Berry parachuted from an airplane in 1911. In 1914, Georgia "Tiny" Broadwick made the first freefall jump.

Sebastien Lenormand – Себастьян Ленорман

Faust Vrancic – Фауст Вранчіч

FIRST AUTOMOBILE ENGINE

Доп. - Мелейчук О.С., I-54

Наук. кер. - ст.викл. Початко Т.В

The automobile as we know it was not invented in a single day by a single inventor. The history of the automobile reflects an evolution that took place worldwide. It is estimated that over 100,000 patents created the modern automobile. However, we can point to the many firsts that occurred along the way. Starting with the first theoretical plans for a motor vehicle that had been drawn up by both Leonardo da Vinci and Isaac Newton.

In 1769, the very first self-propelled road vehicle was a military tractor invented by French engineer and mechanic, Nicolas Joseph Cugnot (1725 - 1804). Cugnot used a steam engine to power his vehicle, built under his instructions at the Paris Arsenal by mechanic Brezin. It was used by the French Army to haul artillery at a whopping speed of 2 1/2 mph on only three wheels. The vehicle had to stop every ten to fifteen minutes to build up steam power. The