

**МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ  
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ  
КАФЕДРА ІНОЗЕМНИХ МОВ  
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР**

**МАТЕРІАЛИ  
VIII МІЖВУЗІВСЬКОЇ НАУКОВО-ПРАКТИЧНОЇ  
КОНФЕРЕНЦІЇ  
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ  
КАФЕДРИ ІНОЗЕМНИХ МОВ**

**“TO LIVE IN A SAFER WORLD”**

**(Суми, 28 березня 2014 року)**

The eighth scientific practical student`s, postgraduate`s and teacher`s  
LSNC conference

## TOP-10 ACCIDENTAL INVENTIONS THAT CHANGED THE WORLD

Gerasimenko P.M. IN-11  
Diadechko A. M., ELA

1) Microwave(1945) was invented by Percy Spencer, an engineer and inventor who worked on the magnetrons - devices that allow to generate microwave signals required for the first radar. During the war, radar was an extremely important new invention, but with what microwaves can cook, was discovered purely by accident.

2) Penicillin(1928).A biologist Sir Alexander Fleming was researching the nature of staph bacteria. Once after returning from vacation, he noticed that one of the glass culture dishes he had accidentally removed, was covered with mold, and he threw it away. Later he noticed that staph bacteria could no longer grow in the area surrounding the fungal mold.

3) Coca-Cola. Pharmacist John Pemberton was working on a cure for headaches. He mixed a few ingredients - coca leaves, cola nuts, tropical tree and some other ingredients. The result was a syrup with an unusual flavor, which began selling in the nearby pharmacy, and then turned into the most popular drink in the world.

4) SuperGlue appeared in 1942, when Dr. Harry Coover tried to allocate clear plastic for the production of high-precision scopes handguns. For a time he worked with chemicals known as cyanoacrylates, which he soon found polymerized in contact with moisture, causing all the test materials from sticking.

5) Slinky. An engineer Richard James, who once remarked in 1940 that when the spring fell, it jumped some time on the floor and rolled over, and then calmed down. After several prototypes, in 1948 a new invention was presented at Slinky toy stores, making it one of the most popular and emblematic toys of all time.

6) Reinforced concrete. A French gardener Joseph Monier was nearly ruined when selling palm trees on the road, he beat clay pots, and plants died. The idea came to make a tub of cement, and for strength still frame of iron rods were used. Thus concrete was invented . There was no place for palms. Ten years later Monier

patented concrete sleepers, and even later – concrete for beams, bridges and what not.

7) LEGO. Due to financial crisis in the 30s of the 20th century a Danish carpenter Ole Christiansen nearly went around the world. People were not up ladders, on which he once stood in all senses. But the constructor for children that Christiansen fashioned, suddenly became in demand. Shortly the carpenter founded a company to produce Lego designers. This first famous toy was made of wood because the carpenter then just wanted to sell the remains of wood, it was more than anything and was not! A plastic Lego began only in 1947.

8) Safety glass. A French chemist Edouard Benedictus was too lazy to change the broken window. He was too lazy to wash test tubes and flasks. One such vessel has been dropped and crashed ...! What appeared to be in the flask was dissolved by ethylen, ethanol, and nitrates. The liquid evaporated and a thin layer of solution was left on the walls. Incidentally, Volvo has adopted this invention of Benedictus in 1944.

9) Ice lolly (popsicle). Frank Epperson, the author of this invention was a young guy, only 11 years old when he came up with what would later be called one of the most important inventions of the XX century. Of course, most likely Lady Luck smiled at the boy, when he dissolved the soda powder in the water - a popular drink among kids in 1905 . Drink did not happen immediately , and Frank , not removing the rod for stirring a drink from the glass, put it down for a while . The mixture was frozen . Frank laughingly showed his classmates ridiculous contraption frozen on the stick that could be licked with a tongue. 18 years later , Frank remembered this funny story and began producing popsicles "Epsicles" in 7 tastes.

10) Matches. mixing chemicals. On one day in 1826, John Walker noticed a dried lump of chemicals on one of his wooden instruments and tried to scrape it off. In response it produced sparks and flame. John Walker called his invention " friction lights " and sold them at the pharmacy in the boxes provided with sandpaper for fire excision.