Нові наукомісткі технології виробництва матеріалів, виробів широкого вжитку та спеціального призначення

Іноземні мови

UDC 001.894=111

INVENTIONS THAT HAVE CHANGED THE WORLD

Stud. N.V. Davydenko, gr. BEP 1-15 Scientific assistant professor Y.G. Stezhko Kyiv National University of Technology and Design

Can you imagine your life without Internet or computer? I think it's impossible. Every day scientists are making new discoveries that eventually have an effect on our being. I want to tell about it

5 position. Steam engine: The Industrial Revolution, which is perhaps the greatest change over the shortest period of time in the history of civilization, was carried forward by the steam engine. The concept of using steam to power machines had been around for thousands of years. While the steam engine has been eclipsed by electric and internal combustion engines in the areas of transport and factory power, they're still incredibly important. Most power plants in the world actually generate electricity using steam turbines, whether the steam is heated by burning coal, natural gas or a nuclear reactor.

Next position. Automobile: If the steam engine mobilized industry, the automobile mobilized people. Karl Benz's Motorwagen, powered by an internal combustion engine of his own design, is widely considered the first automobile. Henry Ford's improvement to the production process - and effective marketing – has brought the price and the desire for owning an auto into the reach of most Americans. The vehicle industry has fueled the economic growth worldwide.

3 point. Lightbulb: You might think that a light bulb with Mr. Edison Thomas has changed the world by allowing people to work darkling, but people already used the cheap gas lamps and etc. Meanwhile dozens of unknown inventors were working on similar ideas. Joseph Swan did similar work in Britain as well, and eventually the two merged their ideas into a single company called Ediswan. We have the light bulb to thank for it.

2 position. Computer: A computer is a machine that works with some input information. Mechanical computing devices were in existence in the 1800s, but electronic computers has been invented in the 20th century. Computers are able to perform very fast all kind of calculations. When they operate under the instructions of skilled programmers, computers can accomplish amazing feats. Many of the things we take for granted in the world wouldn't function without computers, from cars to power plants to phones.

1 position. Internet: The Internet, the world wide web for computers which allows people to access almost any information located anywhere in the world at any time. Its effects on business, communication, economy, entertainment and even politics are profound. The Internet is such a powerful invention that we've probably only begun to see its effects it will have on the world. An ability to diffuse and recombine information with such efficiency could accelerate the rate at which further world-changing inventions are created. Meanwhile some fear that our ability to communicate, work, play and do business via the Internet breaks down our ties to local communities and causes us to become socially isolated. Like any invention, the good or ill it accomplishes will come from how we choose to use it.