

NEW INVENTIONS

V.V. Vlasenko – Sumy State University, group EM – 91

D.O. Marchenko – E L Adviser

Science is all about having an open imagination, not being afraid of making mistakes and asking the right questions. Almost all old and new scientific inventions and discoveries owe their origins and existence to these three essential human attitudes. The development of technology started in the real sense in 1960s and 1970s. There is a short list of few important inventions. There is an attempt to enlist few of the new important inventions. These may not be the greatest inventions of all time, however, they are important in their own right. The descriptions of these inventions should provide a rough idea of their working and especially the importance in today's life.

New Inventions:

1) Digital Pen

A digital pen is one of the new electronic inventions that can help us record information.

Despite the digital age, we still use pens. But it would be great to have our handwritten notes and drawings digitally recorded without having to use a scanner.

A computer pen is a wireless pen that uses a clip-on receiver to digitally record what you write.

It uploads the information to your computer where it can be viewed, edited and filed as a word processing document.

2) Contact Lenses Measure Glucose

A new medical invention has been created by scientists at Harvard Medical School. The new invention is a contact lens that can dispense a regular dose of antibiotics to your eye for more than a month. A biodegradable polymer film is mixed with a medication (antibiotic) and coated with hydrogel, which is the same material used to make contact lenses. The film slowly releases the medication into the eye at a rate of 134 micrograms each day for 30 days. Eye drops are used to dispense most eye medications but they are inefficient. Only about 1 to 7 percent of eye drop medications are absorbed into the eye because most of them out.

3) Electric Eye

The 'Electric Eye' is one of the best inventions of the year 2010 with the potential of providing partial eyesight to blind people. The main component of this device is a chip encased in a titanium cover. It (titanium) prevents water from damaging the chip. The whole device comes in the form of eye glasses fitted with a camera. This camera is used in the transmission of captured images to the titanium covered chip. As the chip receives transmission from the camera, it fires an electrode array present under the retina which in turn does the task of stimulating optic nerves. This new invention can therefore, be considered as one of the most important.

4) Flying car

The flying car is an automobile that can travel on roads and take off, fly and land as an aircraft. If you want to drive the flying car, you must have a driver license and a pilot's license.

5) Teleportation

It was considered one of the major inventions. The success in teleporting information from one atom to other led to this invention. It is considered to be important due to the fact that it can prove to be useful in the creation of secure and fast computer systems. It is one of the best inventions of 2010.

All these inventions are known for their usefulness. Such device as the 'Electric Eye' can be of great help to the blind people. Inventions have an especially important value for all people. Important inventions are the technologies of the future. Inventions are opened by new possibilities for humanity. Innovative activity was, is and remains the main motive force of development of humanity.