

I am always interested and curious about exploring myself. Until today, the secrets of the various organs of the human body and the secrets of the self-regulating system have not been completely solved. The human body is the finest and most subtle organic combination in the world. In this combination, there are thousands of cells that grow every day, metabolism, and each exerts different functions, enabling human beings to live, act, and think. feel.

The human body is also a very sophisticated and precise self-regulating system. As the author of "What is interaction" analysis, the whole human environment is as same as the earth environment. It is a very high level second order system. Each organ is a single-cycle self-regulating system, independent functions, interdependence, and mutual constraints. The brain is the chief command system. It receives the information of all departments and the various information of the outside world. After analysis and processing, it issues instructions to direct the coordination of various organs. Any imbalanced circumstance in any link will affect the whole human body.

All life phenomena, such as muscle movement, brain excitation, inhibition, nerve conduction, etc., are related to the transmission of electrons. The blood vessels contain water and various inorganic salts such as potassium, sodium, magnesium, calcium, etc. When the magnetic lines of force move in a direction perpendicular to the blood vessels, electromagnetic hydrodynamic phenomena are generated, and micro-currents are generated, which can cause changes in bio-electricity and quality.

In this case I would take a part of my body to analyse human body - the arms. After testing, the resistance between the two hands is about 2k ohms, which is about 1000 ohms in the sweating state. The resistance of each person varies according to the body fluid condition, and the skin coverage is different, even according to the mood (need to be further tested). These varying electrical resistances can affect changes in bio-electric current.

Because everyone has their own bio-electric field, these bio-electric fields should be measurable. These bio-electric fields can change under the control and coordination of the brain, and changes can be measured. Through this principle, I can do some human-to-human interactions. I am interested in understanding the thoughts, feelings, and feedback of others through silent communication of bio-electricity in the body. This is my interpretation and understanding of interaction activities.



The traditional watch, its function is basically to show people time. Nowadays, the watch is developing intelligently. In addition to the basic timekeeping function, it can also monitor heartbeat, blood pressure, respiratory rate, detect the amount of exercise, and receive and upload information via the Internet. When a watch becomes no longer simply a watch, it means that it can play a bigger role in human interaction. Imagine that when you go to a strange place to make a blind date, you are uneasy, what is the person who is opposite me thinking about me? Is he or she interested in wanting to talk further? Where is his interest? The speed of the match is only five minutes, how to find the right person in such a short time. In this interactive relationship between people, electronic media may play an unprecedented decryption function. Through electronic media, here I imagine an electronic medium like a bracelet or watch, which promotes this person. The interaction. Is it cool to understand the information that humans pass beyond language and body expressions? Very subtle information.

The watch itself is made of metal, and the strap is also made of some kind of stainless steel. My watch is a quartz watch, the strap is made of tungsten steel, and its conductivity is extremely high. Hardness and corrosion resistance are also very good. A device with a wristband worn on the hand can fully receive the signal from the source of the information (that is, the human body).

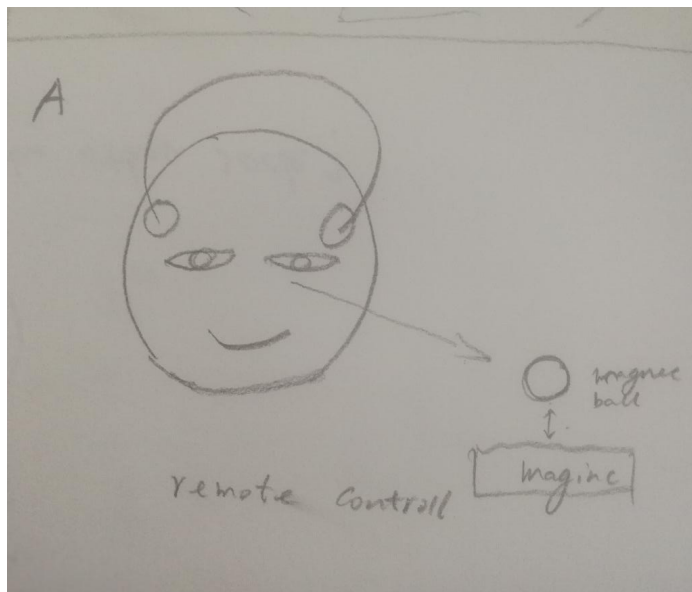


I wear socks every day and it is essential clothing. The feeling of the socks wrapped around the feet and legs is warm and comfortable. There are many types of socks, according to the length of the socks, there are stockings, stockings and stockings and boat socks (invisible socks); according to the type of socks, there are stockings, stockings and rubber mouth Socks. My favorite socks are pantyhose, which appeared in the 1960s and became an alternative to stockings. The term "pantyhose" appears in the United States. In the UK it is called "tights", thin and thick. In the United States, tights are also used to represent pantyhose-like clothing that is thick and opaque. Very popular among women. Catering to the needs of women seeking comfort and beauty. Socks are a kind of fiber products. Usually I like to choose socks and stockings in pure cotton. Generally, cotton content of 85% socks is very good cotton socks. Some functional fibers are also needed in the cotton socks to maintain the elasticity, fastness and comfort of the socks. Polyester, spandex and nylon are very common functional fibers. Among them, Poly-amide, which is similar in nature to nylon, is strong and wearable, and is the most wear-resistant and strongest of synthetic fibers. The weight is very light and the elasticity is good. Adding nylon to the socks can maintain high strength and elasticity.

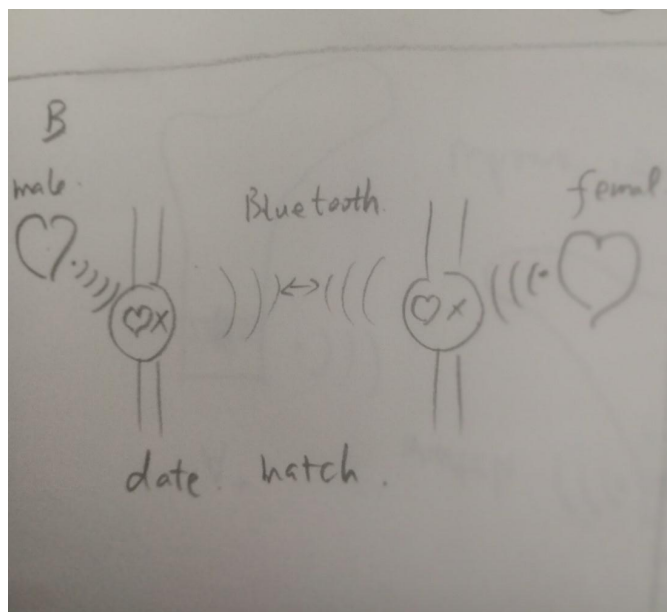
The resistance of the sock depends on the type of fiber and the ambient temperature and humidity. The resistance of the cotton fiber and the nylon fiber at the same temperature is different. Nylon is very low in electrical conductivity and can basically be considered as an insulator. Cotton resistivity is slightly higher than nylon.



Idea 1: Brain wave remote controller

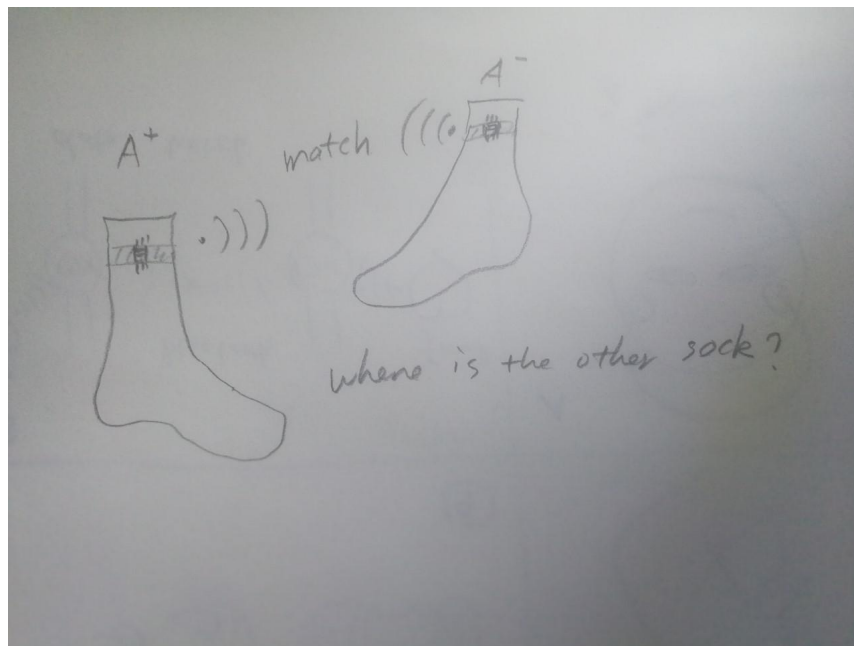


Idea 2: Love Cardiac detector



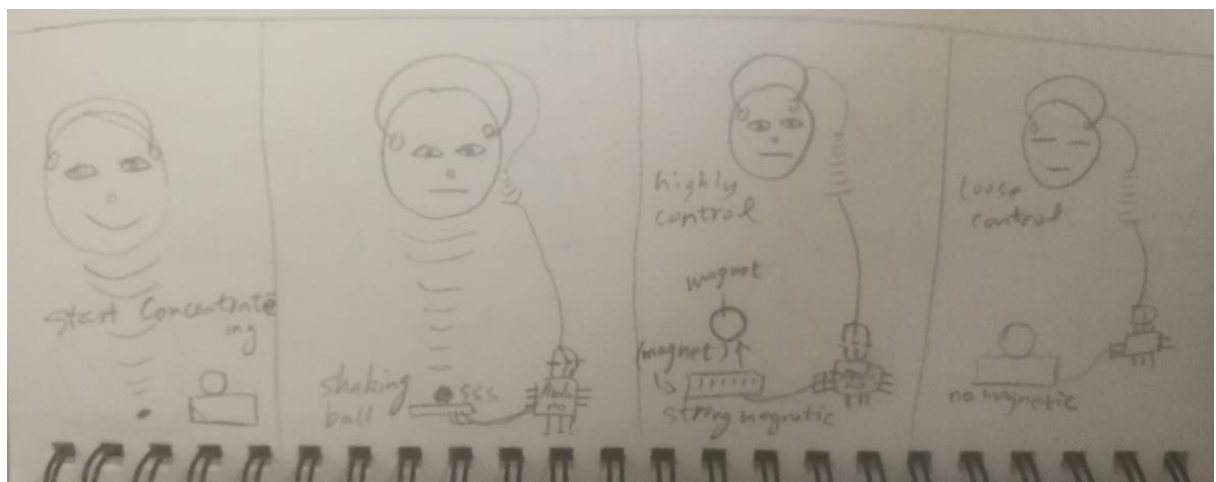
Idea 3: sock seeker





My favorite idea is the first one, brain wave remote controller.

Here is the story board:



Control the magnet ball by mind. When brain wave sensor catches the signal of concentration. It will send signal of Yes to arduino component. This component make the base of the ball having the opposite pole of magnetic. This force will lift the ball up. Floating in the air according to how long you can concentrate on it.