

THE MIND SCANNER

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Abstract

In this article, I have described about a product which is designed to read our mind. Yes, I agree that it is a hard task to read anybody's mind but hard doesn't mean that it is impossible. In today's world we can talk with our hands as mobile phones, so it is not impossible to read one's mind. Basically my product is a set of two headphones just working like a satellite collecting information and a tower receiving the information and helping man to analyze the information. One of the headphones will collect one's thoughts and the other headphone will just translate it into SS using the same mechanism followed in microphone and speakers. The sensors connected to the headphone will collect the brain waves and transfer it to the other headphone which converts those ES into SS. The sensors so attached are very sensitive towards low signal electric pulses also, and thus it is capable of collecting the brain waves. It is noteworthy that the main task of this device is to capture the weak ES, so the sensors play a vital role in this device.

Keywords-ES-Electrical Signals, CS-Chemical Signals, Nt-Neurotransmitters, PSN(1)-pre-synaptic neuron, PSN(2)-post-synaptic neuron, EP-Electric Potential, SS-Sound Signals, EC-Electric Collectors.

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1. INTRODUCTION

During the 19th, 20th and 21st centuries the technological side has made an enormous development. Life has become easier to live with these technologies in our hand. Computers, mobile phones etc are those technologies without which the human doesn't think of living. But I point out one thing here that all the developments that we have seen during the last three decades are all for the humans, not for other living things. I feel sad when some animals or birds are injured because they are not even able to express their pain that they are feeling. So, I am introducing my device with which we will possibly be able to hear them. My device is constructed considering the principle of converting ES into SS or vice-versa. So, my device is named MIND SCANNER. As from the name we can conclude that it is related with our mind. It is a device which basically interprets the brain waves (or ES), and gives an appropriate SS. I am not using any computer to analyze the data collected from our brain. I am just trying to collect the ES and convert these into SS.

2. BACKGROUND

I would love saying this, what made me to think of such a device and it might sound a little crazy to you. When I was in 11th standard, I proposed a girl and I knew she too felt for me, but she was not just admitting it, after that many wars went on between us and I wanted to know if she lies to me. Hope you got what made me to think of such a device and one more thing I will surely mention is I love animals and I wanted to hear them too and this might be the only possibility to listen them.

3. PRODUCT DESCRIPTION

This product is a set of two headphones like devices. One of the headphone consists of some small EC (or sensors) which are designed to collect the ES from one's brain and the other headphone in the set will convert these ES into SS. Now, you may be wondering how the ES will get transferred from one to the other. Well, let us see this at a later stage.

4. PROCESS DESCRIPTION

First of all, let us see what actually happens in our brain or may be in brains of other living organisms. Our brain is made up of a mass of cells (or neurons) which are capable of transmitting

CS to one another and propagating ES internally. This is possible mainly because of the neurons which have a cell body and extensions called dendrites and axons. Neurons possess a number of dendrites and a long axon. These dendrites in the body of neuron contain receptors embedded in the membrane, which are mostly proteins that respond to CS. The axon has a terminal at its end that releases the chemical messengers or Nt. to the next neuron. The gap i.e. synapse is the site of communication between cells. The neuron that releases the Nt is called the PSN(1) and the one accepting the Nt is called the PSN(2). Due to the reaction between the Nt and receptor, an EP (or signal) is generated. This electric signal will be driven down the length of the axon until it reaches the terminal and this signal hits this part of the axon and releases Nt and the process continues. So, the electric signal collectors will collect the wave of signals from the brain and transfer it to the other headphone. Now, how the transfer is done. There is a tip (electric tip) at the bottom of the headphone. This behaves just like a satellite receiving information from our brain and the tip on the other behaves just like a tower which will receive signals from the satellite. Moreover, the signals received from the brain are not so intense, so there is no fear of a shock of course. Now, what about the conversion of ES into SS. Oh! this is a simple job, we are using it in our daily lives. The EC or sensors will collect the electronic voice of the brain and these complex patterns of electrical activity can be decoded and translated into an approximate version of the original sound.

5. MARKET ANALYSIS

My device can be called a mind-reading device and such devices are not in use at present. Yes, there may be works on such devices for the brain patients but that device is not like mine. They use brain signal receivers and a computer to analyze those signals. But my device is used to convert those particular signals into voice signals. As like in a telephone, voice is converted into ES and then again to voice.

6. RECOMMENDATIONS

It is a highly advanced technology because the collection of the brain waves is a hard task. We cannot insert these machines in our brain to collect information. Just my device is connected to the skull from where it gathers the signals from our brain. And my device is very useful in case of animals too. We will be able to hear them, so this excitement is what I surely can't miss.

7. CONCLUSION

This device can be very useful indeed. Moreover it can make developments in case of disabled human beings or animals. So, we can add one new product to the count of highly advanced devices.

8. REFERENCES

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