**IF I COULD INVENT SOMETHING NEW**

**Introduction**:

If I were opportuned to invent something new in the nearest future,it would be a new and modified Functional Electrical Stimulation (FES). This device is used for the crippled, precisely on legs. My invention will not only be used by the crippled and for the legs but also for the paralysed and to other parts of the body.

**Features of FES:**

FES is a treatment that applies small electrical charges to a muscle that has become paralysed or weakened. The electrical charge stimulates the muscle in order to make is usual movement. FES was first developed in the United State of America in 1960’s where it was initially tested on stroke patients.

This electrical stimulation with its new upcoming features which includes the application of electrical changes to the muscles of a paralysed person, is believed to improve or may be change the world as I explain some of its importance to human kind.

**Importance of FES:**

Firstly, it brings hope and confidence to those who are paralysed or to the crippled, to enjoy what his or her fellow humans are enjoying. Although it may be a little bit hard to get used to it, but the joy and happiness it brings will confirm that no hope is lost.

Secondly, with its improved features like helping in breathing and swallowing,one would have no problem in activities such as walking,etc., provided one is giving this device, hence, it makes the job easier for family members and doctors to take care of such individual.

Moreso, research and experience has shown that treatment with FES produces a normal walking pattern, enabling people to walk faster, further and with less effort. If the current FES can perform these functions, then imagine what the new and modified FES can do.

**Summary:**

In summary, it reduces by a high percentage the risk of falling as one gets used to it. In addition, it increases ones independence because the patient would not need more support as he would have needed without the new and modified FES.

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