

2009 年臺灣國際科學展覽會

優勝作品專輯

國家：Saudi Arabia

編號：110009

作品名稱

A Smart Mouse for the Handicapped People

得獎獎項

Computer Science Third Award

作者姓名

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A Smart Mouse for the Handicapped People

Abstract

-The purpose of the invention:

To enable the handicapped people to browse the web.

-Materials:

An optical mouse – wires – plastic pushes – sticking plaster

-The idea of the invention :

Using the head movement in controlling the mouse .

Using the tongue and jaws movement to press the mouse right and left .

-Procedures:

To wear the device on the head in a way that the plastic pushes are parallel to the jaws.

-The Problem :

A friend of mine had an accident and he lost his arms and he was fond of the internet.

-The results and the advantages:

The device was successful in helping the handicapped and it is also easy and cheap .

-The concolusion :

The device is workable and it has a great benefit for the handicapped people .

評語

此作品非常有創意。以最低之成本，發現出一協助殘障人士（以頭部移動來使用滑鼠）。

建議：

1. 應再擴充成讓身體許多部位都可操作滑鼠。
2. 應更精細去測滑鼠的移動。