

# **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**

**Abubakur, Mohammed Omar m**

# **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。