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Blueprint

Miracle Pen

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CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

The Miracle Pen is a multi-function scribble pen that provides the combination of voice recorder, Bluetooth device, scanner device, built in memory and have 16 million colours that can be copied. This device allows convenience to users as it eliminates the hassle of bringing many items at once. This is due to the many features that are provided by the Miracle Pen. It can also be used by anyone of different ages.

1.2 Purpose of development

- To allow work to be carried out easily with many different devices such as voice recorder, Bluetooth, scanner, multi-coloured pens, and memory space, all built into one simple device.
- To prevent problems of carrying many items all at once to be brought to many different places.
- To decrease the amount of weight to be carried.
- To reduce the costs of buying many items to do work as all the useful devices are already built into the Miracle Pen.

1.3 Product Concept

- It is a multi-function pen that provides the convenience of a scanner, voice recorder, Bluetooth, multi-coloured pens, and memory space in a single device.

1.4 Functions

There are many functions of the Miracle Pen, among the functions are:-

1. Endless Colour Choices

- Instantly draw and write with any colour that can be seen on any object by touching the tip of the pen on the surface of the object

- It has a voice recorder which is useful in any situations.

5. Rechargeable Battery

- The pen has a rechargeable battery.
- Status of the remaining battery in the pen is shown by a flickering red or green light on the pen.

6. Scanning Device

- To activate the scanning device, double-click on the button to allow the scanning process to begin.
- The scanner is located along the side of the pen.
- The pen is placed above the documents to be scanned at a suitable distance.
- Move the pen along the documents to allow full scanning process.

1.6 Picture of Product

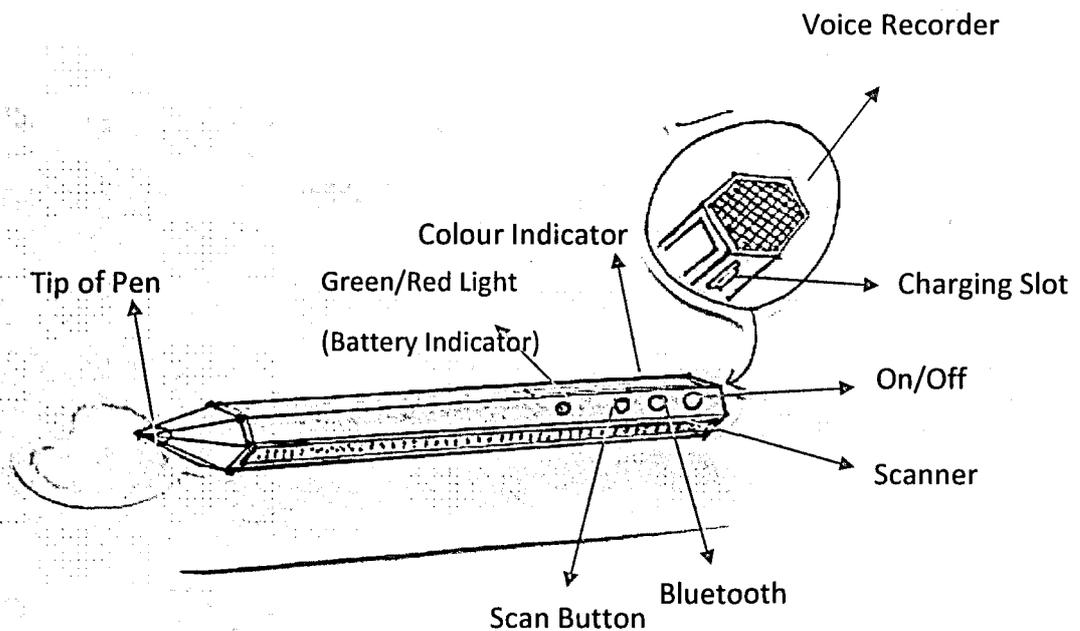


Figure 1.0 Physical View of the Miracle Pen

CHAPTER 2

2.0 TECHNOLOGY DESCRIPTION

2.1 Product Prototype

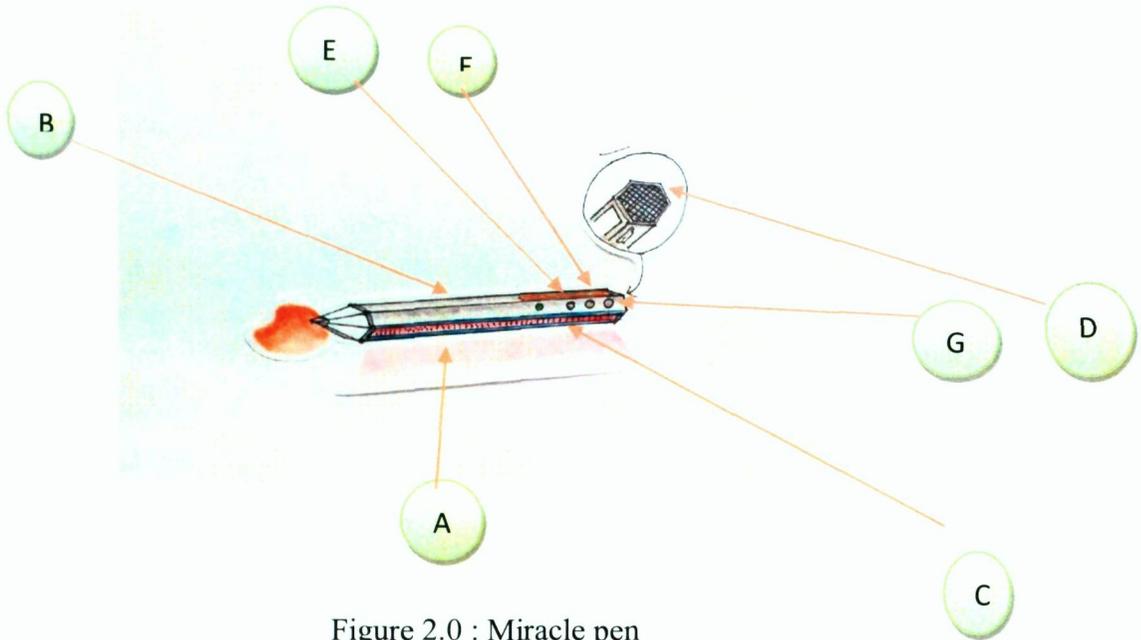


Figure 2.0 : Miracle pen

Legend:

Label	Device
A	Miracle pen
B	Pen drive
C	Scanner
D	Voice recorder
E	Bluetooth button
F	Charging slot
G	Battery indicator