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ENT600: TECHNOLOGY ENTREPRENEURSHIPS

TIKON PILLOW

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1.0 PRODUCT DESCRIPTION

1.1 INTRODUCTION

After having through some process of searching and reviewing the issues toward the problem suffered by people whom diagnosed with insomnia problem or sickness, some observation were later being conducted in order to ponder more on the symptoms and sign of the sickness and also some observation on an alternative way to help those people. The team had agreed to come out with a product that we believe can contribute to aid the insomnia patient for a better days ahead. Our product is called as TIKON Pillow.

1.2 PURPOSE OF DEVELOPMENT

People suffered with insomnia will experience nights without proper sleep. To be in deep sleep is known as their biggest problem. This will lead to anxiety, uncomfortable feeling, unstable emotions and threatening feeling. This product is built-in with some technology innovations that may help insomnia people to at least eliminate some of their problems.

1.3 PRODUCT CONCEPT

Creates specifically to aids people with sleeping problems especially those whom had been diagnosed with insomnia sickness.

1.4 APPLICATION

1. Touch screen
2. Voice recognition
3. Fresh fragrance scent
4. Built in Mp3
5. Connect via USB port and via Bluetooth portable device.
6. Can access through remote device

1.4.1 FUNCTIONS

1. Encourage deep sleep to insomnia patient.

2. Reduced lucid dreaming effect – effect that makes one's stuck between awake and asleep.

1.5 UNIQUE FEATURES

The uniqueness of the product for availability in Malaysia market consists of:

1. Provide touch screen function and voice recognition function for easy access.
2. Provide instrumental music to promote relaxation for the patient.
3. Provide massage treatment at patient neck and cranial bone area to promote comfortable feeling.
4. Fresh fragrance scent that will promote calmness and relaxation which makes patient sleepy.

2.0 TECHNOLOGY DESCRIPTION

2.1 OVERVIEW OF PRODUCT PROTOTYPE

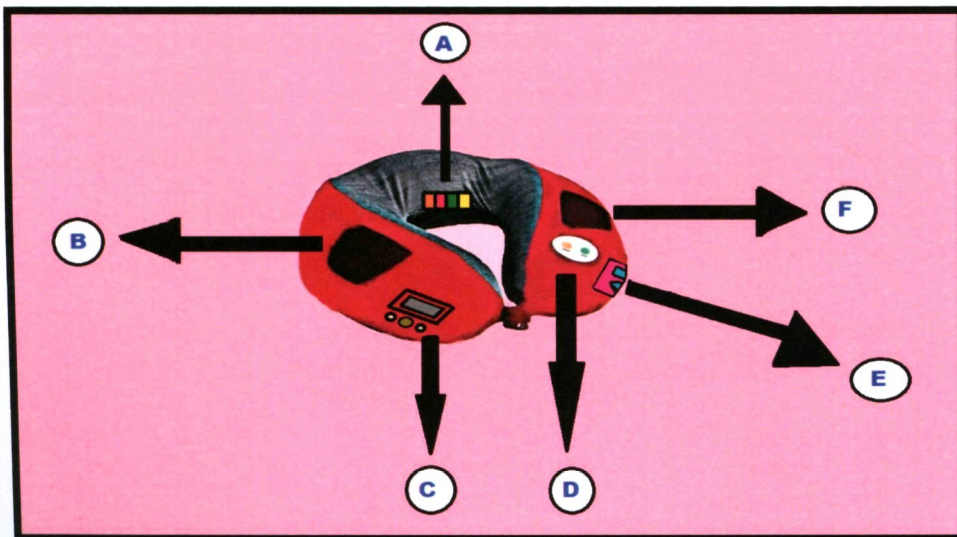


FIGURE 1 : TIKON

LABEL	FEATURES
A	Detector
B	Fresh fragrance scent
C	Touch screen and voice recognition button
D	Volume button for song
E	Place for remote control
F	Speaker (Mp3)

TABLE 1: LABEL



FIGURE 2: REMOTE CONTROL

2.2 DESCRIPTION

2.2.1 Detector (A)

Description:

Function of detector is slow down the song volume and spread the scent when user sleepy. That will result in deep sleep.

Specification:

Weight: 41g

Size: 70*48*14mm

Target supplier:

Detector from Shenzhen Careud Security Equipment Company Limited
<http://careud.manufacturer.globalsources.com/si/6008849396240/pdtl/Tire-pressure/1132433360/OEM-TPMS.htm#>

2.2.2 Fresh fragrance scent (B)

Description:

Fresh fragrance scent that will promote calmness and relaxation which makes users sleepy. It also will encourage deep sleep for user.

Specification:

Type of scent: lavender and vanilla

Ingredients: 32.5% of essential oils and resins, natural aroma and synthetic aroma.

Target supplier: