



اَبُو سَيْدِي تَيْكُونُ لَوِي مَبَارَا
UNIVERSITI
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FACULTY OF SPORTS SCIENCE & RECREATION

SR 243

CALCANEUS ENTREPRISE

(TORNADO ELECTRONIC HANGER)

TECHNOLOGY ENTREPRENEURSHIP (ENT600)

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CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

Tornado Hanger Electronic is a battery operated hanger that can dry clothes hanged on it. This product is very flexible as it can be used either using battery (wireless) or wired connection. Tornado Hanger is a low-power product as it can save electricity by using low voltage. The technologies used in this product are timer switch, charging plug, battery, general on/off switch, wheel and copper wiring.

Product Specification

Component	Description
<ul style="list-style-type: none">• Vertical Telescopic rod• Upper Telescopic rod• Transverse connecting rod• Connecting Rod• Base frame	<ul style="list-style-type: none">• 29 mm diameter x 12• 20 mm diameter x 3
<ul style="list-style-type: none">• Wheel	<ul style="list-style-type: none">• Stainless steels x 4
<ul style="list-style-type: none">• Battery	<ul style="list-style-type: none">• Size AAA x 2• Dry battery 1.5 volt• Rechargeable batteries 4V

1.2 Purpose of development

- This product enable users to dry clothes anywhere
- This product can dry clothes in short period of time
- This product can be used in bad weather condition

1.3 Product Concept

Can be used to dry clothes anywhere and at any weather condition.

1.4 Application

1.4.1 Easy to carry

- The product give amenity to consumer because this product can be carried easily. It will be easier for the users to bring it anywhere since it can be stored in an easy way.

1.4.2 High technology

With drying system at low level of electrical voltage which we created in our product it can dry clothes in short period of time.

1.5 Unique features

1.5.1 Can save electricity by using low voltage

- A measure of the potential energy in a snapshot in time, on the feeder lines that run from substations to businesses and homes savings in total load. So dropping voltage could allow utilities to reduce the power they deliver by nearly two percent.

1.5.2 Can use either battery or wired plugged.

The product give amenity to consumer through electric saving because this product can be used in two means namely through battery consumption or wired plugged.

1.5.1 Picture description

