

AP248/5A

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MULTIFUNCTIONS COINS SAVING BOX (MCSB)

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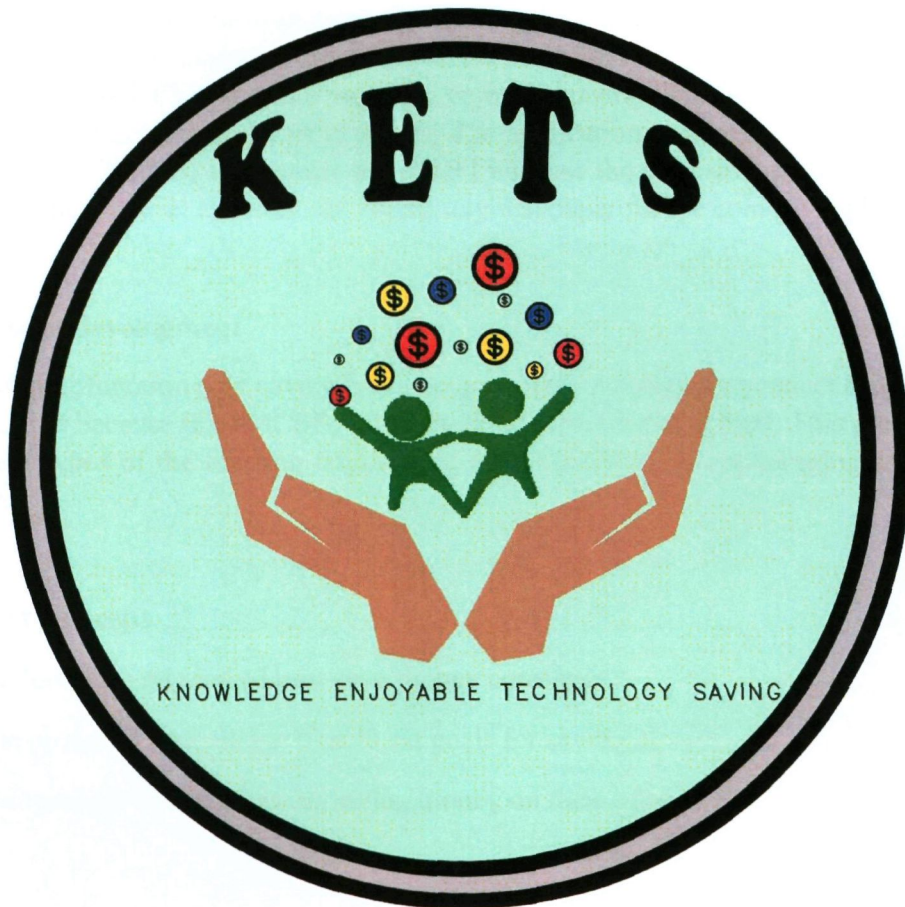
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CHAPTER 1

1.0 PRODUCT DESCRIPTION

1.1 Introduction

The team development multifunction box coin and application control use the multifunction coin saving box (MCSB). Multifunction coin saving box is smart saving box can used with the application. (MCSB) have many benefit for user such as able to control daily expenses and the (MCSB) fully safety. The application name is KETS. KETS is knowledge enjoyable technology saving. The multifunction coin saving box is smart saving box to encourage teenager to saving their money. Target market for multifunction coin box is 13 – 15 year old. The main function KETS is make teenager enjoy to saving .The KETS have game in the application, also can reminded user to saving. The application requires users to access WIFI if user want to use (MCSB) to connect with WIFI because the coin saving box can change the wallpaper of the material and user can search any wallpaper for the coin saving box.

1.2 Purpose of development

The aim of multifunction coin saving box is to give enjoy to using the product and also easy to use the product because this (MCSB) guaranteed safe from savings theft. This product to give the different types of the existing coin saving box. Therefore, to encouraging consumers to save money.

1.3 Product Concept

- Product concept remind user save money consistent.
- The product to encourage user to set goals for saving money.
- For teenager to learn how to saving money on their own

1.4 Application

The multifunction coin saving box is use for our day to day life. It has a rechargeable battery with an on/off switch, it connects directly to smartphones with application KETS and must be access the WIFI, and it allows the user to control save money.

1.4.1 Functions

Function at Coin Saving Box	Function at Smartphone
Force sensor - the sensor is used to detect money that user	Control System - Used to parent control saving children use the smartphone
Bar scan code – access to applications on the smartphone	LCD – Used the application KETS to change wallpaper of the coin saving box
USB Connection- for battery charging	