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TECHNOLOGY ENTREPRENEURSHIP

BLUEPRINT REPORT:

CORRECTRY

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1.0 EXECUTIVE SUMMARY

Correction tape or correction fluid is the most used stationary by people. This correction has been used to correct any mistakes that we have written on paper. This stationary came in various designs and sometimes we can get it at a lower price which is affordable, especially for students. However, the white coating material of correction is limited, and we need to buy another correction tape again which will increase the use of plastic materials. Moreover, this correction might be hustle as it can make our paper or writing become a mess.

Correctry that is made by Quadraplets A will be a solution to solve all the problems by correction tape. This product uses a new technology that comes with various features. Through various discussion and findings, we have considered all the problem and made a new technology to the correction tape. The Correctry used heat which will erase the ink neatly and allow people to quickly make corrections. Unlike previous correction tape, we only need to recharge Correctry if the battery runs out where we also can reduce the use of plastic.

As the Correctry produced heat, the device's body will made up from heat resistant stainless steel and it also make the product light. Our company has produced Correctry that has a USB port where it will charge the Correctry. We also considered a safety purpose which includes the use of the click mechanism for metal, and it will automatically shut off after 15 seconds. Ergonomic shape makes the device comfortable to use and we can carry it easily.

Up until now, there are no possible competitors that produce a correction tape like us. Our target market are school students, university student and office workers but since the Correctry generates heat, the recommended age limit to use it is at 10 years and above. Even though we have created a safety design to avoid any unnecessary accidents, we advise parents to monitor their children.

Since we are already in the technology era, we tried to introduce something new to the people which are different and advanced. The improvised correction tape can make people's lives easier in terms of saving time to do their work. People no need to buy the refill anymore because this tool can be recharge, thus it saves money especially for students.

2.0 PRODUCT DESCRIPTION

With the innovations and new technologies that have been adopted to produce Correctry, it is possible to facilitate in the correction of writing works. It is a process of innovation in the use of correction tools to repair errors in typing and handwriting. Correctry, is a correction heat that is a substitute for correction fluid or correction tape. When heat is applied to ink, it erases ink without smearing and leaves a clean space behind. This product allows to quickly make corrections, making it a handy tool that's even good for handwritten and printed documents.

This correction has a built-in electric heating system and has a micro-USB port to recharge. The lifespan of the Correctry is up to 3 hours of usage time. If the user charges the Correctry for 1 hour, it can be used for up to 3 hours. The major feature of this Correctry is that it can be charged via USB cable. This makes it simple for the user; simply insert the USB charger into the correct connector on the Correctry, and the other end into a USB port. The charging process begins with the appropriate quantity of electricity being applied effectively transferred into the Correctry. With the ability to recharge, the disposal of used plastic materials can be reduced.

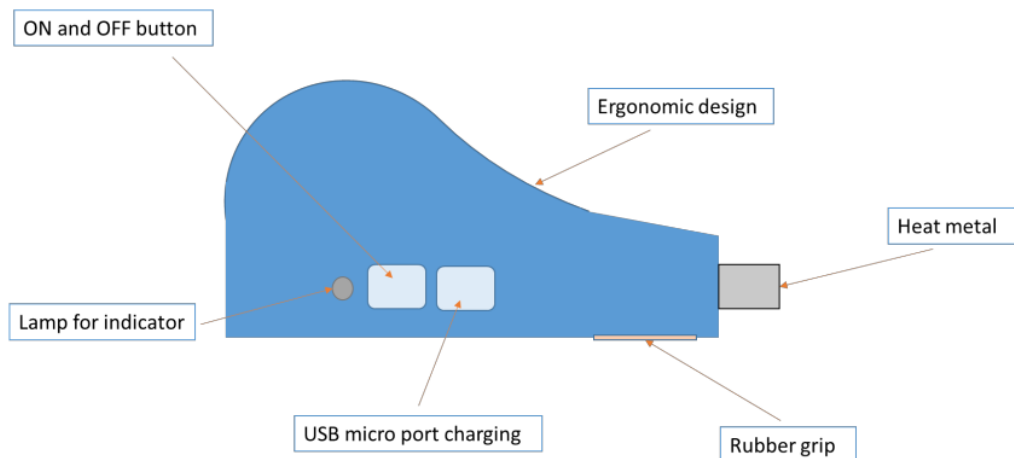


Figure 1: Correctry Prototype

The Correctry body is made up from heat resistant stainless steel to prevent it from melting due to heat and is use as we want to keep the Correctry as light as possible. The case is composed of thermoplastic polycarbonate (TPU), which is comprised of polyurethane and is our preferred case material. The linear segmented block copolymers of the material are made up of hard and soft segments. Therefore, TPU has a flexible, but not flimsy feel. Moreover,

The Correctry is made to be lightweight so that the users can use and carry it all-day. Lastly, the ergonomically design suitable for left- and right-handed users. The holding design of the Correctry allows the user to comfortably make correction throughout work or school day and the head applicator ensures corrections can be made smoothly.

3.0 TECHNOLOGY DESCRIPTION

A revolutionary new correction device. Make your mistakes vanish with the one push of a button. Correctry, the correction that has a built-in electric heating system. Correctry is a correction heat that is substitute for correction fluid and correction tape, used to repair errors in typing and handwriting. When heat is applied to ink, it erases ink without smearing and leaves a clean space behind. This Correctry allow to quickly make corrections, making it a handy tool that's even good for handwritten and printed documents. With Correctry, mistakes are ancient history. The experience is almost magical as the ink disappears right before your eyes. Our revolutionary erasing technology is completely non-contact to prevent smudging and damage to the writing surface.

A button activates an electric heating element, and the tape will automatically shut off after 15 second. Ink operates by turning clear when exposed to increased temperature due to the friction of the eraser on the page. Every correction device comes with a standard micro-USB cable for simple charging. To charge the battery, just connect the device into any USB charger or outlet. When the pen is charging and when it is fully charged, a small blue light illuminate. Correctry can run up to 3 hours of use in 1 full charged.