

REDESIGNED TOOTHBRUSH ERGONOMICALLY

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ABSTRACT

Engineering design is to convert an idea or a need into information from which a new product or system can be made requires a transformation from vague concepts to defines objects, from abstract thoughts to the solutions of detailed problems. It is through the engineering design that this transformation takes place. In this engineering design project I am requires to redesign toothbrush ergonomically. This required me to study the conventional toothbrush, evaluate the ergonomic principle that apply in the product then define the weakness if this existing product. Later redesign to make the necessary changes to meet the objective of this project. The objective of my project is to discover and applies information about human behavior, abilities, limitations and other characteristics to the toothbrush for productive, safe, comfortable and effective human use.