A DESIGN, ANALYSIS AND FABRICATION AN AUTOMATIC WHITEBOARD CLEANER

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ABSTRACT

The name of this project is Automatic Whiteboard Cleaner, this idea inspired when students or teachers leave the classroom and forgot to clean the whiteboard because they rushing to go home. From that, the project is to make students or teachers toclean the whiteboard much easier. There are some problem to make that this project used in all schools , universities or offices. For example this project needs a electric power supply when its work. Therefore, this project need a power supply to do the work. Objectives of this project is to help peoples clean the whiteboard with simple and easier method. In conclusion, hope this project can make it easier method to erase the whiteboard and use at classroom, school, office or place that use whiteboard for presentation. Therefore, demands for this project will increase in the industry.

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CHAPTER ONE
INTRODUCTION

1.1   Background of Study

In today's age of technology, there are lots of machine that make people lifestyle easier. For example, before they have lift and elevator people used stairs to goup or down the building and it required more energy rather than using lift. Therefore, technology has helped people to do work more simple. The question is what machine that can help a teacher or student to clean the whiteboard with simple method ?

The popularity of whiteboards increased rapidly in the mid-1990s and they have become a fixture in many offices, meeting rooms, school classrooms and other work environments. Whiteboards became officially available in 1960s, but did not become widely used until 30 years later. Early whiteboards needed to be wiped with cloth and makers had a tendency to leave marks behind, even after erasing the board. Dry-erase markers for whiteboards were invented in 1975. Whiteboards started being commonly used by businesses in the early 1990s due to concerns over health problemsin children with dust allergies and the potential for chalk dust to damage computers. By the late in 1990s, about 21% of American classrooms had converted from chalkboard to whiteboards. So, this idea is name a Design and Fabrication of Automatic Whiteboard Cleaner. This machine can help a teacher or student to cleanthe whiteboard. Usually, teacher or student need to move when clean the whiteboard but this machine people just need to switch on the button then it will clean the whiteboard.

1.2   Problem Statement

This project needs a electric power supply when it do the work. It also will increase the payment of bil. Electric. Furthermore, it needs to be exposed more to people so that they will buy this project. Not many industry has been created this machine because of low demands in citizens. That is why not everyone knows about this project.