



FACULTY OF MECHANICAL ENGINEERING

MEC332 MECHANICAL ENGINEERING DESIGN 2

PROJECT TITLE: MAGNETIC WINDOW CLEANER

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ABSTRACT

There is disclosed a variable strength magnetic window cleaning product having a outer and inner unit utilizing magnetic force to simultaneously clean both the inside and outside panes of window. When a user moves the inner unit from inside, the outer unit follows the inner unit along the window, thus cleaning both sides of the window panes simultaneously. A replaceable cleaning surface such as fiber cloth or disposable wipe is secured across the engagement surface area and contacts the window surface to effect the cleaning.

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1.0 INTRODUCTION

Many window cleaners on the market today do not clean windows as well as they should. It can sometimes be difficult for them to clean certain areas on them. For this reason, we decided to produce a magnetic window cleaner.

This type of window cleaner works to help you better clean your windows. This product is filled with strong magnets which help to keep the window cleaner from falling or breaking while you are cleaning with it. It will use the magnets built into it to lock itself through the glass on the window.

Because it attaches both of its sides on the separate window panes, both will work to clean the inside part of your window, the outside part will start to clean as well. This will help to ensure that you can clean windows safely and easily.

The current invention utilizes the new advances made in cleaning windows over the past twenty years. It also makes cleaning the inside and outside panes of residential windows easier than any prior art because it utilizes pre-moistened window cleaning wipes which are widely available and very popular. But to make it up to date we add some features which require piping system in the window cleaner.