

ELECTRICAL FLOOR CLEANER

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ABSTRACT

The title of this project is electrical floor cleaner. This electrical floor cleaner consists of four main parts or components. Those four parts are: the spinning base, cleaner liquid spray, dirty water container, and battery voltage indicator.

First component is the spinning base which consists of motor and controlled by an on-off switch. The switch is placed at the holder of the floor cleaner to provide easy access and reduce the physical strains of the user.

Second component is the automatic spray mechanism of the mixture of cleaning liquid; it is placed at the middle of the spinning base. The spray is connected with one small tube to a water pump machine. This machine is specially designed to pump water from a small water container.

Third component is the dirty water container which contains the dirty water during cleaning. Thus, user does not need to purposely clean or wash the floor cleaner separately.

Finally, the fourth component is the battery voltage indicator which will indicate the battery voltage of the floor cleaner. Battery is used to provide the dc power to all the components. When the battery voltage indicator shows the low voltage level of the battery then user may just charge the battery directly by plugging in the provided adaptor to ac supply.

After all, this system is cost, time and power efficient. All what we need to do is just operate the floor cleaner anywhere without direct ac supply as what the market sells for today.