

FABRICATION OF HYBRID MULTIPURPOSE PEDDLING MACHINE

ABSTRACT

In this context, we are developing a hybrid multipurpose BI – Cycle. Which consists of 3 different features in one cycle? We are developing Washing machine, Hacksaw machine and a flour mill in one bi cycle mechanism. In which floor mill and hacksaw machine can be disabled and enabled as per the need.

In the developing world, washing laundry is a difficult, time-consuming task that falls solely on women. Typically spend 8 hours each week scrubbing each piece of their family's clothing and wringing out the harsh washing solution by hand.

Powered washing machines exist, but they are impractical in rural regions because running water and electric are expensive or unavailable. Several groups already tried to build machines for these regions but they have been unsuccessful. Their machines were either expensive to build and repair because they require imported parts or they do not wash effectively.

Our invention is that, a low cost, pedal-powered washing machine that is designed around readily available parts. Its innovation is its simple design and its use of inexpensive plastic barrels and bicycle components. It is reliable, easy to operate and uses no electricity. The parts are available locally, so it can be manufactured and repaired in the community without depending on imported goods.

ADVANTAGES:

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- Uses less water , power and soap.
- Cleans as well as commercial washer with similar capability.
- Comfortable to use.
- Save the water.
- It is non-polluting, as well as not using any type of electricity.
- It is an exercise by pedaling it.
- Replicable anywhere with bicycle.

TECHNOFIST

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