

**MULTIFUNCTIONAL AND ADAPTABLE DEVICE UTILIZING OPTIMAL AND
VARIABLE POWER TO ALLOW DETACHABLE CONNECTION OF AN
APPLIANCE OR TOOL**

ABSTRACT

Exemplary embodiments of the present disclosure are directed towards a multifunctional and adaptable device utilizing an optimal and variable power to allow detachable connection of an appliance or a tool. The device comprises of a motor configured with at least one controller, wherein the controller is adapted to adjust the torque and output of the motor based on an appliance attached to the motor. A RFID device is connected to the controller, whereby the controller is configured to provide optimum output of torque and revolutions per minute of the motor based on the interactions between the RFID device and an appliance. The multifunctional and adaptable device further comprises a locking mechanism comprises at least two parts provided in the motor, wherein the direct motor comprises at least two independent elements and the two parts of the locking mechanism connected to the independent elements through couplers.

Fig 1