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(57) Abstract :

The present invention relates to a screw fastening apparatus, comprising a body having a push button 1 to exert pressure on the apparatus for making connections while pressing and breaks when the connection released by a user, a crank 3 in association with a rod 2 attached with the button 1 for converting vertical motion exerted by the user into rotational motion to provide torque for fastening/unfastening screw, at least two switch 7 connected alternatively to the crank 3 for moving to and fro upon pressing the switch 7 by the user, and a gear assembly 4 having a first and second gear(s) connected to the crank 3 moves towards the gears 4 in order to provide rotational motion to a shaft 6 in a specific direction depending on screwing or unscrewing the screw respectively.

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