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## Patent Search

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### Abstract:

[0023] The present invention relates to a Ignition based side stand position control system for two wheelers providing a cost effective and maintenance free solution for avoidance of accidents in two wheelers due to side stand comprising mainly of engine ignition circuit, an engine starting circuit and a stand, for motorcycles of the type comprising a stand assembly including a stand adapted to be brought to a forwardly inclined operative position for supporting the motorcycle when the latter is stationary moved to an inoperative or uplifted position by the driver when the motorcycle runs, mild steel flat sheet with stand device and iron holding clips comprising, in combination first normally closed circuit switch called side stand switch connected in between positive terminal and grounded terminal of ignition coil and no requirement of external power source, and second additional switch is connected between grounded terminal of ignition coil and buzzer; included in side stand assembly and operable to effect opening stand switch, when side stand is in its inoperative position, and to effect closing of side stand switch when side stand is in its neutral position. Following invention is described in detail with the help of figure 1 of sheet 1 showing electric circuit diagram of the embodiment.

**Complete Specification**

Claims:We claim:-

1. Ignition based side stand position control system for two wheeler having a mild steel flat sheet welded on side stand and connected to close circuit switches (13, 14) held by iron holding clips welded to main frame of bike, wherein switch 13 is adapted to be closed when the stand is in its operative position and opened when the stand is in its neutral position and manually operated switch 14 situated in parallel with the switch 13 and can be opened, when manually operated by the driver, to shut or up-lift the stand and connected between grounded terminal 17 of ignition coil 11 and buzzer 15 which provides warning when stand is in its operative or un-lifted position.
2. Side stand switch 13 of the device as claimed in claim 1 being connected between positive and grounded terminal of ignition coil.
3. Mild steel flat sheet of the device as claimed in claim 1 is welded on the side stand device which touches the switches (13, 14) to effect opening and closing of stand switches when stand is in its inoperative and operative position respectively.
4. holding clips of the device as claimed in claim 1 holds both stand switches and are welded on main frame of the bike to effect opening and closing of stand switches when stand is in its inoperative and operative position respectively.

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