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## Patent Search

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**Abstract:**

Patent Title: A-Side-Stand: AUTOMATIC SIDE-STAND SPORT BIKE/ MOTORCYCLE. ABSTRACT My Invention" A-Side-Stand" is a to reduce the transmission of vibrations from a body frame to a rotary switch, thereby preventing any trouble in the rotary switch and reliably maintaining the function and performance of the rotary switch. The invented device includes a side stand bracket mounted on the body frame. A side stand is rotatable mounted through a pivot shaft to the bracket, and a rotary switch is provided in coaxial relationship with the pivot bolt through a securing bolt. The sheets and the tube are formed from rubber members. A cushion member is interposed between an engaging member of an inner rotor in the rotary switch and a locking hole of the side stand. The cushion member is formed from a rubber member. The side-stand in a length which stretches fairly beyond the contact surface of the side-stand when the sport bike is set upright for running. The even if a driver forgets to retract or level the side-stand, frictional contact between the bottom tip end of this the member and the ground surface causes the side-stand to be retracted automatically while running. The invented system also, when the sport bike is set upright to start running, collapsed part stretches downward by its own resiliency or by an external elastic force to protrude beyond the contact surface of said side-stand to face the ground surface.

**Complete Specification****Claims:WE CLAIMS**

1. My Invention" A-Side-Stand" is a to reduce the transmission of vibrations from a body frame to a rotary switch, thereby preventing any trouble in the rotary switch and reliably maintaining the function and performance of the rotary switch. The invented side stand device includes a side stand bracket mounted on the body frame. A side stand is rotatable mounted through a pivot shaft to the bracket, and a rotary switch is provided in coaxial relationship with the pivot bolt through a securing bolt. The sheets and the tube are formed from rubber members. A cushion member is interposed between an engaging member of an inner rotor in the rotary switch and a locking hole of the side stand. The cushion member is formed from a rubber member. The side-stand in a length which stretches fairly beyond the contact surface of the side-stand when the sport bike is set upright for running. The even if a driver forgets to retract or level the side-stand, frictional contact between the bottom tip end of this the member and the ground surface causes the side-stand to be retracted automatically while running. The invented system also, when the sport bike is set upright to start running, collapsed part stretches downward by its own resiliency or by an external elastic force to protrude beyond the contact surface of said side-stand to face the ground surface.
2. According to claim1# the invention is to reduce the transmission of vibrations from a body frame to a rotary switch, thereby preventing any trouble in the rotary switch and also The invented side stand device includes a side stand bracket mounted on the body frame. A side stand is rotatable mounted through a pivot shaft to the bracket, and a rotary switch is provided in coaxial relationship with the pivot bolt through a securing bolt.
3. According to claim1,2# the invention is to the sheets and the tube are formed from rubber members. A cushion member is interposed between an engaging member of an inner rotor in the rotary switch and a locking hole of the side stand. The cushion member is formed from a rubber member and also the side-stand in a length which stretches fairly beyond the contact surface of the side-stand when the sport bike is set upright for running.

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