

ABSTRACT**CABLE ARRANGEMENT OF CEILING FAN**

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The present invention discloses a ceiling fan that comprises a downrod (100) suspended from a ceiling; a housing (200) mounted to the downrod (100), and enclosing at least a portion of the downrod (100); a motor (300) housed within the housing (200); and a circuit assembly positioned within the housing including a motor
10 printed circuit board (410) connected to the motor (300); a main r printed circuit board (420); a power cable (421) connecting the main printed circuit board (420) to a power supply; and a motor cable (411) connecting the main printed circuit board (400) to the motor printed circuit board (410) to provide power to the motor (300); wherein the motor cable (411) and power cable (421) are placed in close proximity to
15 each other, with the power cable (421) or motor cable (411) including wires (430) that are at least partially insulated by a conductive shield (440) having one of its ends (441) connected to a ground of the motor printed circuit board (410) or main printed circuit board (420).

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(Fig. 1)