What is claimed is:

1. A ceiling fan assembly, comprising:

a downrod;

a ceiling fan connected with a lower end of the downrod;

a connector base mounted to the downrod and located above the ceiling fan; and

a receiver internally provided with a mounting groove penetrating the receiver in an up-and-down direction, the receiver being located at the periphery of a central axis of the downrod and detachably connected with the connector base,

wherein the receiver comprises:

a receiver body defining an avoidance groove with an open side; and

a receiver cover disposed to a side of the receiver body to close an opening of the avoidance groove and cooperating with the receiver body to define the mounting groove, the receiver cover being connected with the receiver body in a snapping manner,

wherein opposite side walls of the avoidance groove which are adjacent to the opening are respectively provided with a terminal interface for connection with an external circuit.

2. The ceiling fan assembly according to claim 1, wherein side walls of the avoidance groove are provided with a plurality of fixing plates spaced apart in a circumferential direction of the avoidance groove; each of the fixing plates is provided with a first mounting hole; and the connector base is provided with a plurality of second mounting holes in one-to-one correspondence with the first mounting holes.

3. The ceiling fan assembly according to claim 2, wherein the avoidance groove is approximately ⊏-shaped; three side walls of the avoidance groove are provided with the fixing plates extending inwards along a radial direction of the downrod; and the fixing plates are connected with the connector base.

4. The ceiling fan assembly according to any one of claims 1 to 3, wherein the receiver body and the connector base are connected by a screw.

5. The ceiling fan assembly according to any one of claims 1 to 3, wherein the receiver body is approximately U-shaped, and an outer contour of the receiver body is formed to be arc-shaped.

6. The ceiling fan assembly according to claim 2, wherein a top wall of the receiver body is provided with a vertical baffle extending along the circumferential direction of the avoidance

groove, and each fixing plate is connected with an upper end of the vertical baffle.

7. The ceiling fan assembly according to claim 6, wherein two ends, adjacent to the opening, of the vertical baffle are respectively provided with a snap groove, and the receiver cover is provided with a snap snapped into the snap groove.

8. The ceiling fan assembly according to claim 1, wherein an outer contour line of the receiver is formed as a circle.