DESCRIPTION

CEILING FAN

TECHNICAL FIELD

[0001] The present disclosure relates to a ceiling fan including a discharge product generator.

BACKGROUND ART

[0002] A conventional ceiling fan includes a strut engageable with a ceiling, a motor unit provided below the strut, a blade part rotated by the motor unit, a controller that controls rotation of the motor unit, a case configured to cover at least a part of the motor unit and the controller, and a discharge product generator. The discharge product generator is provided in a cylinder provided in an upper part of the case (e.g., see PTL 1).

Citation List

Patent Literature

[0003] PTL 1: Unexamined Japanese Patent Publication No. 2007-196144

SUMMARY

[0004] The conventional ceiling fan has a problem of further improvement in design.

[0005] Specifically, the conventional ceiling fan includes the discharge product generator installed outside the case above the blade part, so that the discharge product generator is conspicuous.

[0006] Thus, it is an object of the present disclosure to further improve design of a ceiling fan.

[0006a] In an aspect, the present disclosure refers to a ceiling fan comprising:

a strut engageable with a ceiling;

a motor unit disposed in a lower part of the strut;

a blade support that is rotated by the motor unit;

a plurality of blade parts fixed to the blade support and extending in a lateral direction;

an upper cover disposed above the plurality of blade parts and surrounding an upper part of the motor unit;

a discharge product generator disposed below the motor unit; and

a lower cover having a bowl shape opening upward, the lower cover being disposed below the plurality of blade parts and covering the discharge product generator,

wherein

the blade support includes an annular part that is rotated by the motor unit, and a support part to which the plurality of blade parts extending outward from the annular part are fixed,

the blade support is configured to be covered with the lower cover when viewed from below,

the lower cover includes an inner cover in a bowl shape opening downward, and

the discharge product generator is disposed in an annular gap between an outer surface of the inner cover and an inner surface of the lower cover.

[0007] A ceiling fan of the present disclosure includes a strut engageable with a ceiling, a motor unit disposed in a lower part of the strut, a blade support that is rotated by the motor unit, a plurality of blade parts fixed to the blade support and extending in a lateral direction, an upper cover disposed above the plurality of blade parts and surrounding an upper part of the motor unit, a discharge product generator disposed below the motor unit, and a lower cover having a bowl shape opening upward, disposed below the plurality of blade parts, and covering the discharge product generator. The blade support includes an annular part that is rotated by the motor unit, and a support part to which the plurality of