DESCRIPTION

Title Of Invention: CEILING FAN

TECHNICAL FIELD

[0001] The present disclosure relates to a ceiling fan that acts by an external operation.

BACKGROUND ART

[0002] A ceiling fan that can be fixed to a ceiling can increase cooling efficiency and warming efficiency by generating cool air in the summer and circulating warm air collected near the ceiling in the winter.

[0003] Such a ceiling fan requires a user to easily recognize an action status of the ceiling fan. Thus, a conventional ceiling fan includes a reception unit and a color indicator. A display color of the color indicator is turned on and off or is changed whenever the reception unit receives a signal transmitted from a remote controller by a user operation, and the reception of the signal can be visually confirmed (see, for example, PTL 1).

Citation List

Patent Literature

[0004] PTL 1: Unexamined Japanese Patent Publication No. H6-288387

SUMMARY

[0005] Such a conventional ceiling fan is set to be connectable to a network, and thus, the ceiling fan can be operated by an information terminal from outside the home.

[0006] However, when the ceiling fan can be operated from outside the home, there is a possibility that the ceiling fan is acted by an operation by an operator from outside the home when a non-operator such as a construction worker is working near the ceiling fan. Since the non-operator does not constantly monitor the color indicator, there is a concern that the non-operator does not notice the start of the action of the ceiling fan.

[0007] Therefore, a technique for improving safety during action of a ceiling fan is provided in this disclosure.

[0008] In one aspect, the present disclosure includes a ceiling fan that is capable of being fixed to a ceiling, and comprises a first communication unit, a second communication unit, and a controller. The first communication unit executes

communication conformable to a first communication scheme. The second communication unit executes communication conformable to a second communication scheme different from the first communication scheme. The controller starts driving the ceiling fan after a first delay time elapses when the first communication unit receives an instruction to start driving the ceiling fan, and starts driving the ceiling fan after a second delay time longer than the first delay time elapses when the second communication unit receives the instruction to start driving the ceiling fan.

[0009] In another aspect, the present disclosure includes a ceiling fan that is capable of being fixed to a ceiling, and comprises a first communication unit, a second communication unit, and a controller. The first communication unit executes communication conformable to a first communication scheme. The second communication unit executes communication conformable to a second communication scheme different from the first communication scheme. The controller causes first sound to be produced when the first communication unit receives an instruction to start driving the ceiling fan, and causes second sound different from the first sound to be produced when the second communication unit receives the instruction to start driving the ceiling fan.

[0010] In another aspect, the present disclosure also includes a ceiling fan that is capable of being fixed to a ceiling, and comprises a first communication unit, a second communication unit, and a controller. The first communication unit executes communication conformable to a first communication scheme. The second communication unit executes communication conformable to a second communication scheme different from the first communication scheme. The controller starts driving the ceiling fan at a first rotation increase rate when the first communication unit receives an instruction to start driving the ceiling fan, and starts driving the ceiling fan at a second rotation increase rate lower than the first rotation increase rate when the second communication unit receives the instruction to start driving the ceiling fan.

[0011] Any combinations of the above-described components and modifications of the expressions of the present disclosure among methods, devices, systems, recording media, and computer programs are also effective as examples of the present disclosure.

[0012] The ceiling fan according to the present disclosure can improve safety during action.

BRIEF DESCRIPTION OF THE DRAWINGS