CLAIMS

[Claim 1]

A refrigerator comprising:

a casing including a storage compartment;

a door attached to the casing to expose or cover the storage compartment;

a hinge connecting the door to the casing and supporting the door so that the door is openable and closable;

a non-conductive hinge cover detachably attached to the casing, the hinge cover covering the hinge; and

a wireless adapter disposed on the hinge cover, and detachably mounted to the casing along with the hinge cover,

the wireless adapter including an antenna unit configured to transmit and receive radio waves.

[Claim 2]

The refrigerator of claim 1, further comprising

a non-conductive attachment interposed between the hinge cover and the wireless adapter to increase a distance between the hinge cover and the wireless adapter and fix the hinge cover and the wireless adapter.

[Claim 3]

The refrigerator of claim 1, further comprising

a lighting unit provided for the attachment, the lighting unit configured to illuminate a surrounding area.

[Claim 4]

The refrigerator of claim 1 or 2, further comprising

a camera provided for the attachment, the camera capturing an image of a surrounding area.

[Claim 5]

The refrigerator of any one of claims 2 to 4, further comprising

a human presence sensor provided for the attachment, the human presence sensor sensing a presence of a person in a surrounding area.

[Claim 6]

The refrigerator of any one of claims 2 to 5, further comprising

an attachment shield disposed on an attachment surface of the attachment facing the casing, the attachment shield absorbing radio waves.

[Claim 7]

The refrigerator of any one of claims 1 to 6, further comprising

a wireless adapter shield disposed on an attachment surface of the wireless adapter facing the casing, the wireless adapter shield absorbing radio waves.

[Claim 8]

A household appliance networking system comprising:

the refrigerator of any one of claims 1 to 7;

an electrical apparatus; and

a central controller configured to control the refrigerator and the electrical apparatus,

the refrigerator and the electrical apparatus being connected through the central controller.