[Name of Document] CLAIMS

[Claim 1]

A refrigerator comprising:

a plurality of storage compartments provided in a refrigerator main body;

doors for opening and closing front openings of the storage compartments;

an operating portion provided on the front of the uppermost one of the doors;

a display switching button provided in the operating portion; and

a plurality of operation buttons that are arranged near the display switching button and whose surfaces are in an invisible state by printing and are displayed visibly by respective illumination when the display switching button is turned on,

wherein the display switching button is formed with an icon displayed visibly, and

the operation buttons are formed with icons that showing setting changes of cooling capacity of the storage compartments, and temporarily settable additional functions of the storage compartments through pictures associated with effects obtained by setting, pictures of foods that are expected to have an effect by storing under the setting, or pictures associated with scenes and situations required by the user.

[Claim 2]

The refrigerator of Claim 1, wherein the display switching button and the plurality of operation buttons are arranged in an array of n rows and n columns at regular intervals, and the display switching button is placed in a center of the array.

[Claim 3]

The refrigerator of Claim 1 or 2, further comprising LEDs that are placed near the plurality of operation buttons, and that are turned on when the display switching button is turn on, so as to display the plurality of operation buttons visibly.

[Claim 4]

The refrigerator of any one of Claims 1 to 3, wherein the display switching button and the plurality of operation buttons have capacitance-type touch sensors.

[Claim 5]