

## **【CLAIMS】**

### **【Claim 1】**

An electronic device comprising:

a circuit unit;

a power supply unit connected to one surface of the circuit unit so as to form a combined body;

a display configured to include a first surface in a first direction, a second surface in a second direction opposite to the first direction, and a third surface enclosing at least a portion of the space formed between the first surface and the second surface;

a bracket having an opening at the center to accommodate the combined body and configured to enclose sides of the combined body; and

an outer housing configured to enclose the bracket.

### **【Claim 2】**

The electronic device of claim 1, wherein the outer housing comprises:

a left elongated portion parallel to a first side wall of the bracket;

a right elongated portion parallel to a second side wall of the bracket; and

a reference portion coupled to a third side wall of the bracket while interconnecting the left and right elongated portions.

### **【Claim 3】**

The electronic device of claim 2, further comprising a fastening member configured to couple the outer housing enclosing the bracket with the display.

### **【Claim 4】**

The electronic device of claim 3, wherein the fastening member has a rail type.

### **【Claim 5】**

The electronic device of claim 1, further comprising a camera module electrically

connected to the circuit unit in the space formed between the first surface and the second surface of the display.

**【Claim 6】**

The electronic device of claim 5, wherein the camera module includes an optical unit arranged to be parallel to at least one surface of the display, and wherein a portion of the display includes an opening through which the optical unit can be exposed to the outside.

**【Claim 7】**

The electronic device of claim 1, further comprising an acoustic module electrically coupled to the circuit unit in the space formed between the first surface and the second surface of the display.

**【Claim 8】**

The electronic device of claim 7, wherein the acoustic module is configured to contact the display to generate vibrations and generate sounds via the vibrations.

**【Claim 9】**

The electronic device of claim 1, wherein the display comprises:  
a display panel;  
a touch panel arranged to be parallel to one surface of the display panel;  
at least one antenna in a space formed between the touch panel and the display panel;  
and  
at least one shield layer in the space formed between the touch panel and the display panel.

**【Claim 10】**

The electronic device of claim 9, wherein the antenna has a metal mesh shape.

**【Claim 11】**

The electronic device of claim 10, wherein at least one antenna is provided on each of

the first to third surfaces of the display, and wherein the provided antennas operate independently.

**【Claim 12】**

A method for controlling an electronic device equipped with a display including a first surface in a first direction, a second surface in a second direction opposite to the first direction, and a third surface enclosing at least a portion of the space formed between the first surface and the second surface, the method comprising:

detecting a signal associated with blocking one of the first surface and the second surface with or without direct contact;

determining, upon detecting the signal, whether the signal is associated with blocking the first surface or the second surface; and

activating, if the signal is associated with blocking the first surface, the second surface display, and activating, if the signal is associated with blocking the second surface, the first surface display.

**【Claim 13】**

The method of claim 12, further comprising, upon not detecting the signal:

measuring the plane tilt of the electronic device; and

determining whether to activate at least one of the first surface display and the second surface display based on the measured plane tilt.

**【Claim 14】**

The method of claim 12, further comprising activating, when a touch input is additionally detected at one surface of the display deactivated due to the signal, the deactivated surface and deactivating the display present in the opposite direction of the above surface.

**【Claim 15】**

A method for controlling an electronic device equipped with a display including a first

surface in a first direction, a second surface in a second direction opposite to the first direction, and a third surface enclosing at least a portion of the space formed between the first surface and the second surface, the method comprising:

detecting a signal associated with blocking one of the first surface and the second surface with or without direct contact;

determining whether the rotation tilt of the electronic device exceeds a preset threshold;

determining, upon determining that the rotation tilt exceeds the threshold, whether the detection region of the signal is changed; and

changing, upon determining that the detection region of the signal is changed, the screen orientation of the activated display.

**【Claim 16】**

The method of claim 15, further comprising maintaining, upon determining that the rotation tilt does not exceed the threshold, the current screen orientation of the activated display.

**【Claim 17】**

A method for controlling an electronic device equipped with a display including a first surface in a first direction, a second surface in a second direction opposite to the first direction, and a third surface enclosing at least a portion of the space formed between the first surface and the second surface, the method comprising:

displaying data through the third surface of the display;

performing a first function when the screen on which the data is displayed is dragged to the first surface after the screen is touched or an input is detected in close proximity to the screen; and

performing a second function when the screen on which the data is displayed is dragged to the second surface after the screen is touched or an input is detected in close proximity to the screen.

**【Claim 18】**

A method for controlling an electronic device equipped with a display including a first surface in a first direction, a second surface in a second direction opposite to the first direction, and a third surface enclosing at least a portion of the space formed between the first surface and the second surface, the method comprising:

capturing an image of a target object through an optical unit of a camera module mounted in the same direction as the first surface; and

displaying the target object image captured by the optical unit on at least one of the first surface and the second surface.

**【Claim 19】**

A method for controlling an electronic device equipped with plural antennas and a display including a first surface in a first direction, a second surface in a second direction opposite to the first direction, and a third surface enclosing at least a portion of the space formed between the first surface and the second surface, the method comprising:

detecting a signal associated with blocking one of the first surface and the second surface with or without direct contact;

activating, upon not detecting the signal, at least one of the plural antennas; and

deactivating, upon detecting the signal, the antenna included in the surface of the display in the direction where the signal is detected.