

CLAIMS

What is claimed is:

1. An electronic device comprising:
 - a detecting unit that detects an input position;
 - a first housing including a base disposed opposite the detecting unit and a frame body positioned on the base so as to surround the detecting unit in plan view;
 - an operation unit positioned at a front surface side of the detecting unit so as to cover the detecting unit in plan view;
 - a vibrating body provided to the operation unit; and
 - a flexible portion provided over a whole circumference of the frame body and supporting the operation unit.

2. The electronic device according to claim 1, wherein
 - the operation unit has an approximately rectangular shaped in plan view, and
 - the flexible portion includes:
 - a first part, and
 - a second parts positioned at four corners of the frame body and each having a degree of flexure lower than a degree of flexure of the first part.

3. The electronic device according to claim 1, wherein
 - the detecting unit has an approximately rectangular shape in plan view, and
 - the electronic device further comprises a supporting body provided on the base and supporting four corners portions of the detecting unit.

4. The electronic device according to claim 3, wherein a diameter of a surface of the supporting body in contact with the detecting unit is smaller than a diameter of a surface of the supporting body in contact with the base.

5. The electronic device according to any one of claims 1 to 4, wherein a gap is provided between the detecting unit and the flexible portion.
6. The electronic device according to any one of claims 1 to 5, further comprising a stopper that prevents the operation unit from being detached from the frame body.
7. The electronic device according to any one of claims 1 to 6, wherein the detecting unit is a touch panel, and the electronic device further comprises a display panel provided between the detecting unit and the base.
8. The electronic device according to any one of claims 1 to 6, wherein the detecting unit is a display panel having a function to detect an input position.
9. The electronic device according to claim 7 or 8, wherein the display panel is a liquid crystal panel or an organic EL panel.
10. A handheld terminal comprising the electronic device according to any one of claims 1 to 9 in a second housing.