

151b to vibrate. Further, similarly, when the user performs a touch operation, it can be envisioned that the thighs or part of the torso of the user contact the console edge member **158** provided in front of the operation console **151**. Therefore, the operating unit of the ATM **150** can be configured to cause the console edge member **158** to vibrate in accordance with detection of a touch operation on the touch panel **152**.

1. An electronic device comprising:

an operating unit for receiving an operation input;

a vibration generator for generating vibration which is transmitted to a hand-touched portion of said electronic device; and

vibration control means for controlling said vibration generator, to generate vibration when said vibration control means detects that said operating unit has received said operation input.

2. An electronic device as set forth in claim 1, wherein said vibration generator comprises:

a weight;

a support member for supporting said weight so as to allow it to reciprocate, said support member being connected to said hand-touched portion or to a base member of said vibration generator, and said base member being in contact with said hand-touched portion; and

excitation generating means for generating excitation for supply to said weight, to cause said weight to reciprocate.

3. An electronic device as set forth in claim 1, wherein in a case of driving said vibration generator to generate vibration, said vibration control means applies to said vibration generator a drive signal, to cause said vibration generator or said hand-touched portion to resonate.

4. An electronic device as set forth in claim 1, wherein said vibration generator comprises a motor having an eccentric spindle attached to an end of a shaft.

5. An electronic device as set forth in claim 4, wherein when said motor rotates to generate vibration, said vibration control means controls a rotational speed of said motor to match that of a frequency at which said motor or said hand-touched portion is caused to resonate.

6. An electronic device as set forth in claim 4 or 5, wherein rotation of said motor is stopped such that said eccentric spindle is stopped each time at a same position.

7. An electronic device as set forth in claim 1,

said device further comprising designating means for designating whether an operation input should result in a report by vibration, and wherein,

in a case that said designating means designates execution of said report by vibration, said vibration control means causes said vibration generator to vibrate when it detects an operation input.

8. An electronic device, comprising:

an operation unit for receiving an operation input;

a vibration generator for generating vibration which is transmitted to said operation unit; and

vibration control means for controlling said vibration generator, in a case of detecting that an operation input

to said control unit is received, to generate vibration, and wherein said vibration generator comprises:

a weight;

a support member for supporting said weight so as to allow it to reciprocate, said support member being connected to said operating unit or to a base member of said vibration generator, and said base member being in contact with said operating unit; and

excitation generating means for generating excitation for supply to said weight, to cause said weight to reciprocate.

9. An electronic device as set forth in claim 8, wherein said vibration generator causes said operation unit to vibrate in a direction of contact made by a user, and an opposite direction, said direction of contact being that made at a time of an operation input to said operation unit made by said user.

10. An electronic device as set forth in claim 8, wherein said vibration control means detects that an operation input to said control unit has been received, and then causes said vibration generator to generate vibration for a predetermined period of not more than 1 second.

11. An electronic device as set forth in claim 8 or 10, wherein, in a case of driving said vibration generator to cause generation of vibration, said vibration control means applies to said vibration generator a drive signal, to cause said vibration generator or said operation unit to resonate.

12. An electronic device as set forth in any one of claims 8 to 11, wherein

said operation unit is a touch panel; and

wherein said vibration generator causes said touch panel or a display means provided for said touch panel to vibrate.

13. An electronic device as set forth in any one of claims 8 to 11, wherein

said operation unit has an operating member; and

wherein said vibration generator causes said operating member to vibrate.

14. An electronic device as set forth in claim 8, further comprising said device further comprising designating means for designating whether an operation input should result in a report by vibration, and wherein,

in a case that said designating means designates execution of said report by vibration, said vibration control means causes said vibration generator to vibrate when it detects an operation input.

15. An electronic device, comprising:

an operation unit for receiving an operation input;

a vibration generator for generating vibration which is transmitted to a user; and

vibration control means for causing, in a case that it is detected that execution of processing instructed by said operation input to said operation unit has ended, said vibration generator to generate vibration.

16. An electronic device as set forth in claim 15, wherein said vibration control means switches a vibration mode of said vibration generator in accordance with a result of an execution of said processing.