

an elastic body; and wherein one end of said support member is connected to said operating unit or said base member and another end is connected to said weight.

29. An electronic device as set forth in any one of claims **2, 19, and 25**, wherein said support member is formed to have an elastic body; and wherein one end of said support member is connected to said hand-touched portion or said base member and another end is connected to said weight.

30. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, and 25**, wherein said vibration generator further comprises a guide mechanism of said weight for causing said weight to linearly reciprocate.

31. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, and 25**, wherein said excitation generating means causes generation of magnetic force as said excitation.

32. An electronic device as set forth in any one of claims **2, 8, 19, 24, and 25**, wherein said excitation generating means causes generation of electrostatic force as said excitation.

33. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, and 25**, wherein said vibration generator is one which causes said weight to linearly reciprocate and further comprises a resistance imparting member for imparting contact resistance to said weight, said resistance imparting member being in constant contact with a side surface parallel to a direction of reciprocation of said weight performing reciprocation.

34. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, 25, and 30**, wherein

said vibration generator further comprises a brake means for, in a case that generation of excitation by said excitation generating means has stopped, contacting said weight and causing said weight to stop reciprocating.

35. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, 25, and 30**, wherein

said vibration generator comprises a coil as said excitation generating means for causing generation of magnetic force, and

said electronic device further comprising short-circuiting means for, in a case that said electronic device stops supplying current to said coil, causing an input end of said coil to short-circuit.

36. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, and 25**, wherein

said excitation generating means is one which causes generation of magnetic force as said excitation; and

wherein said vibration generator houses said weight, said support member, and said excitation generating means in a space sealed by a case having an anti-magnetic effect.

37. An electronic device as set forth in any one of claims **2, 8, 18, 19, 24, and 25**, wherein

said excitation generating means causes generation of magnetic force as said excitation; and

wherein said weight is formed using a permanent magnet.

38. An electronic device, comprising:

a display panel over which a touch panel is superposed;

a vibration generator installed in said display panel;

an elastic member formed using an elastic body, for supporting said display panel so as to allow said display panel to vibrate by vibration generated by said vibration generator; and

vibration control means for, in a case of detecting that a touch operation on said touch panel has been received, causing said vibration generator 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 display panel or to a base member of said vibration generator and said base member being in contact with said display panel; and

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

39. An electronic device as set forth in claim **38**, wherein said display panel is attached to a housing of said electronic device through said elastic member.

40. An electronic device as set forth in claim **38**, wherein said display panel is attached to a main body of said electronic device through said elastic member.

41. An electronic device, comprising:

a display panel over which a touch panel is superposed;

a vibration generator supporting said display panel, for generating vibration which is transmitted to said display panel; and

vibration control means for, in a case of detecting that a touch operation on said touch panel has been received, causing said vibration generator 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 display panel or to a base member of said vibration generator and said base member being in contact with said display panel; and

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

42. An electronic device as set forth in claim **41**, wherein said display panel is attached to a housing of said electronic device through said vibration generator.

43. An electronic device as set forth in claim **41**, wherein said display panel is attached to a main body of said electronic device through said vibration generator.

44. An electronic device as set forth in claim **38** or **41**, wherein said vibration generator causes said weight to reciprocate under excitation generated by said excitation generating means and causes vibrational acceleration at said display panel by a counter force of said reciprocation or transmits to said display panel vibrational acceleration caused at said base member by a counter force of said reciprocation.