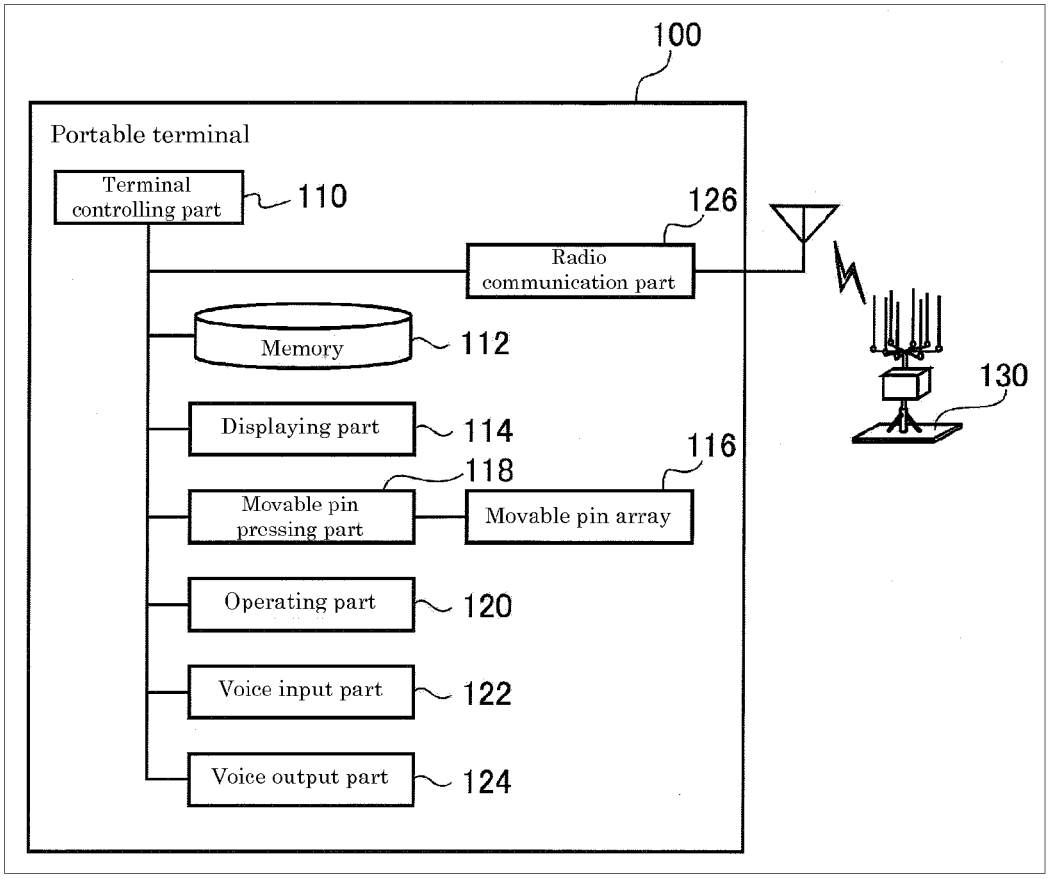
Fig. 1


100
Portable terminal
Terminal controlling part
110
126
Radio communication part
Memory
112
130
Displaying part
114
116
118
Movable pin pressing part
Movable pin array
Operating part
120
Voice input part
122
Voice output part
124