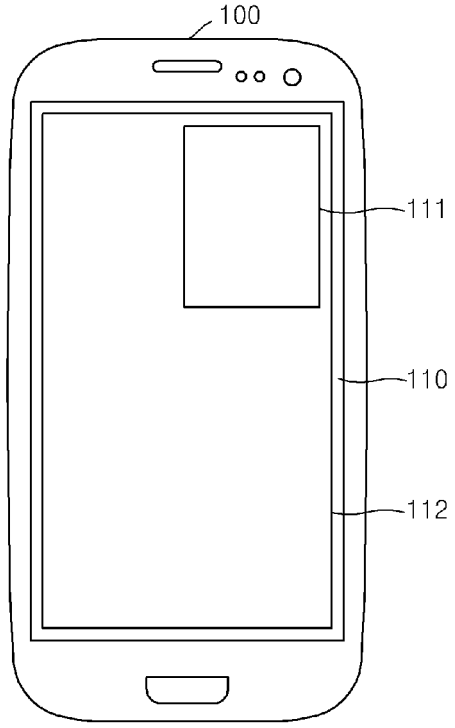
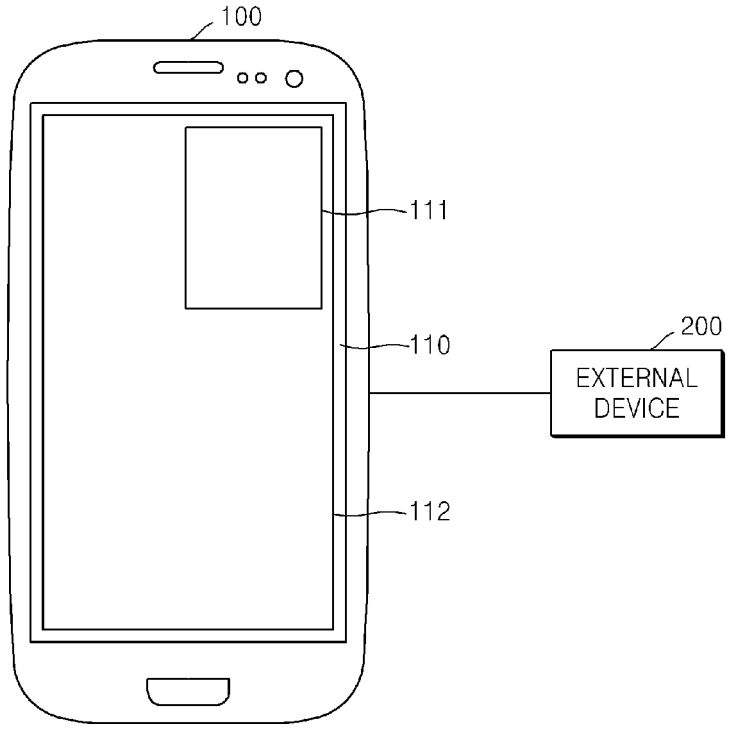
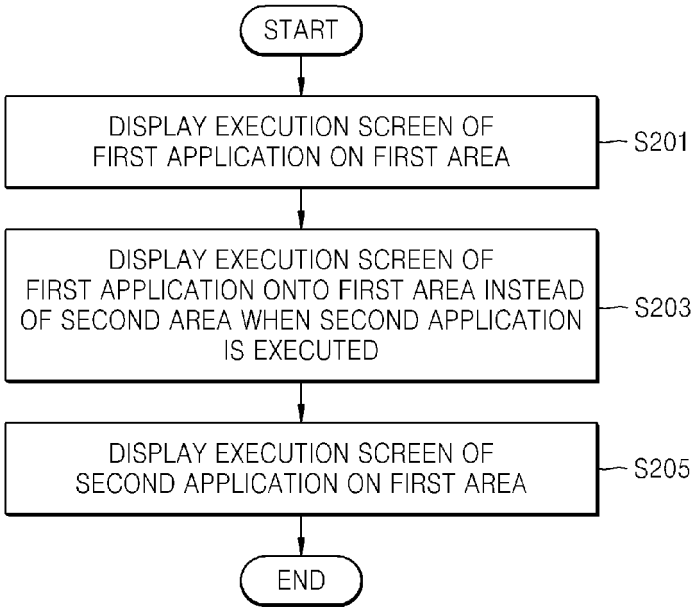
[Fig. 1A]



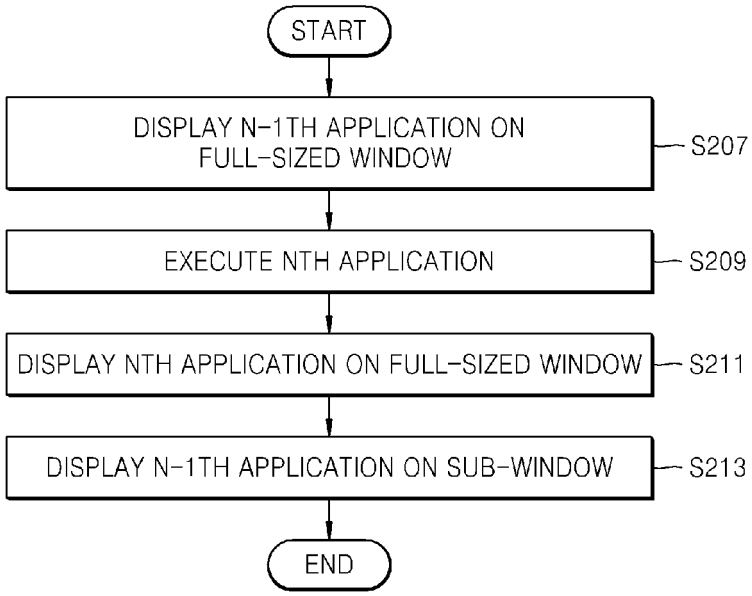
[Fig. 1B]



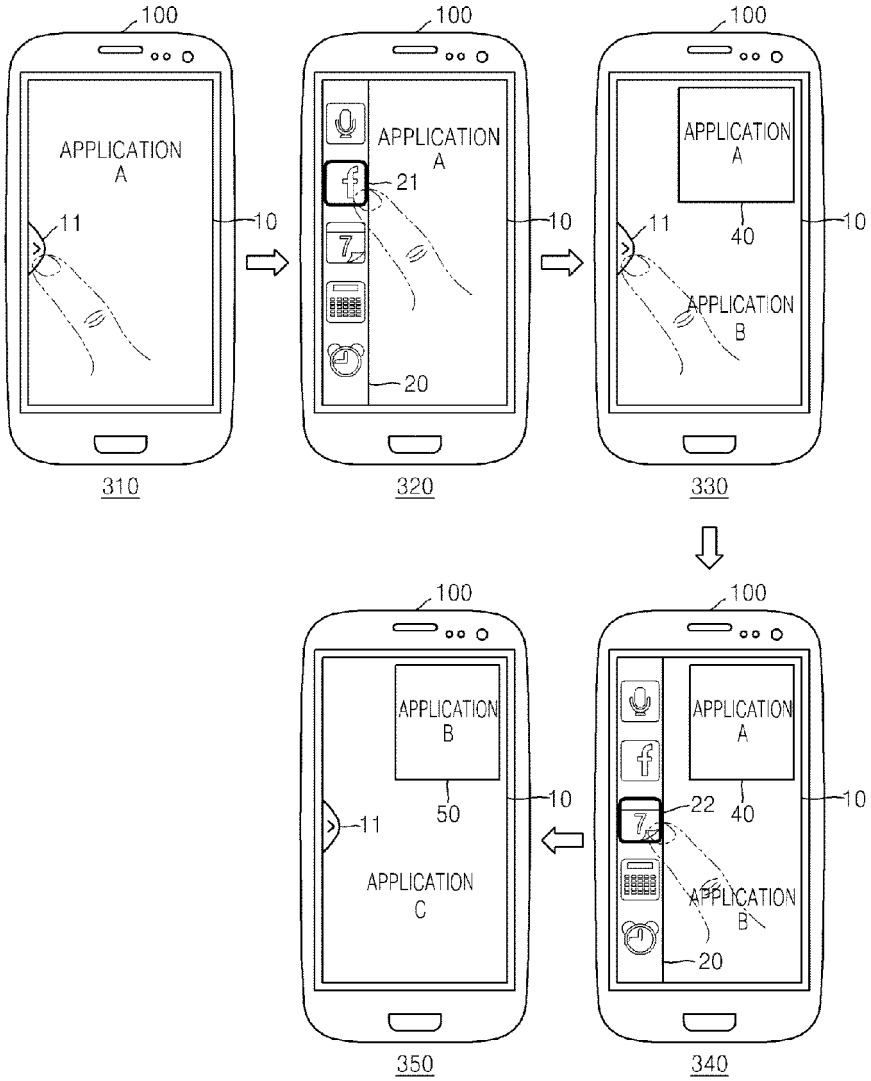
[Fig. 2A]


START
DISPLAY EXECUTION SCREEN OF FIRST APPLICATION ON FIRST AREA
S201
DISPLAY EXECUTION SCREEN OF FIRST APPLICATION ONTO FIRST AREA INSTEAD OF SECOND AREA WHEN SECOND APPLICATION IS EXECUTED
S203
DISPLAY EXECUTION SCREEN OF SECOND APPLICATION ON FIRST AREA
S205
END

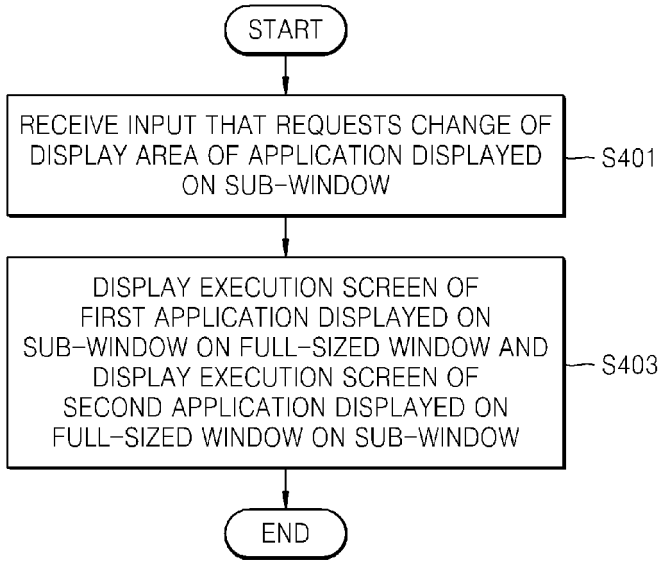
[Fig. 2B]


START
DISPLAY N-1TH APPLICATION ON FULL-SIZED WINDOW
S207
EXECUTE NTH APPLICATION
S209
DISPLAY NTH APPLICATION ON FULL-SIZED WINDOW
S211
DISPLAY N-1TH APPLICATION ON SUB-WINDOW
S213
END

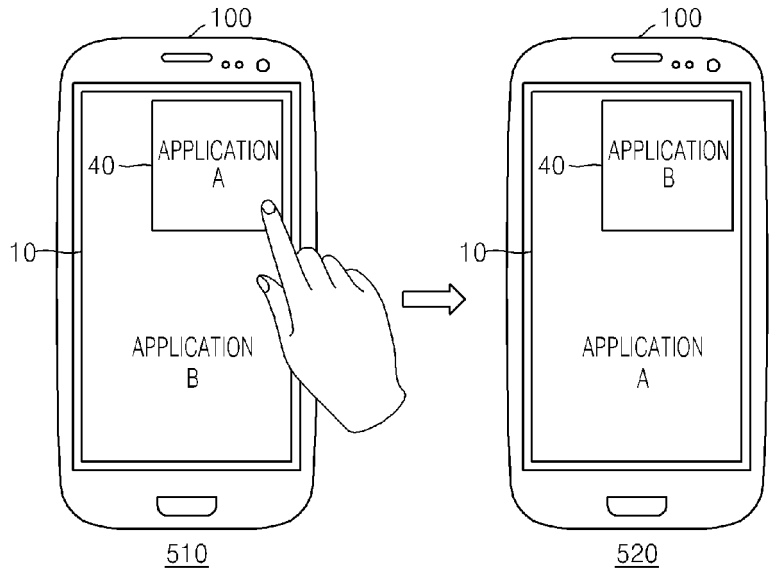
[Fig. 3]


100
APPLICATION A
11
10
310
100
APPLICATION A
21
20
10
320
100
APPLICATION A
40
11
10
APPLICATION B
330
100
APPLICATION A
22
40
10
APPLICATION B
20
340
100
APPLICATION B
50
11
10
APPLICATION C
350

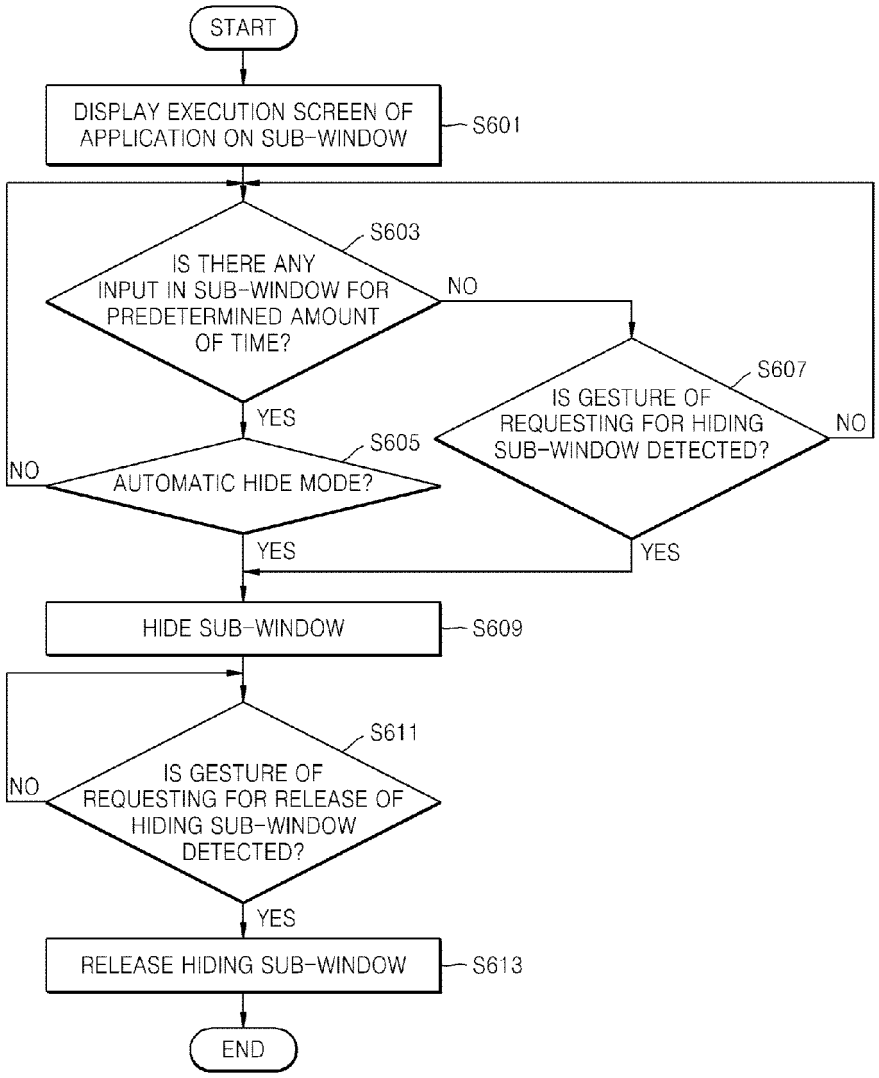
[Fig. 4]


START
RECEIVE INPUT THAT REQUESTS CHANGE OF DISPLAY AREA OF APPLICATION DISPLAYED ON SUB-WINDOW
S401
DISPLAY EXECUTION SCREEN OF FIRST APPLICATION DISPLAYED ON SUB-WINDOW ON FULL-SIZED WINDOW AND DISPLAY EXECUTION SCREEN OF SECOND APPLICATION DISPLAYED ON FULL-SIZED WINDOW ON SUB-WINDOW
S403
END

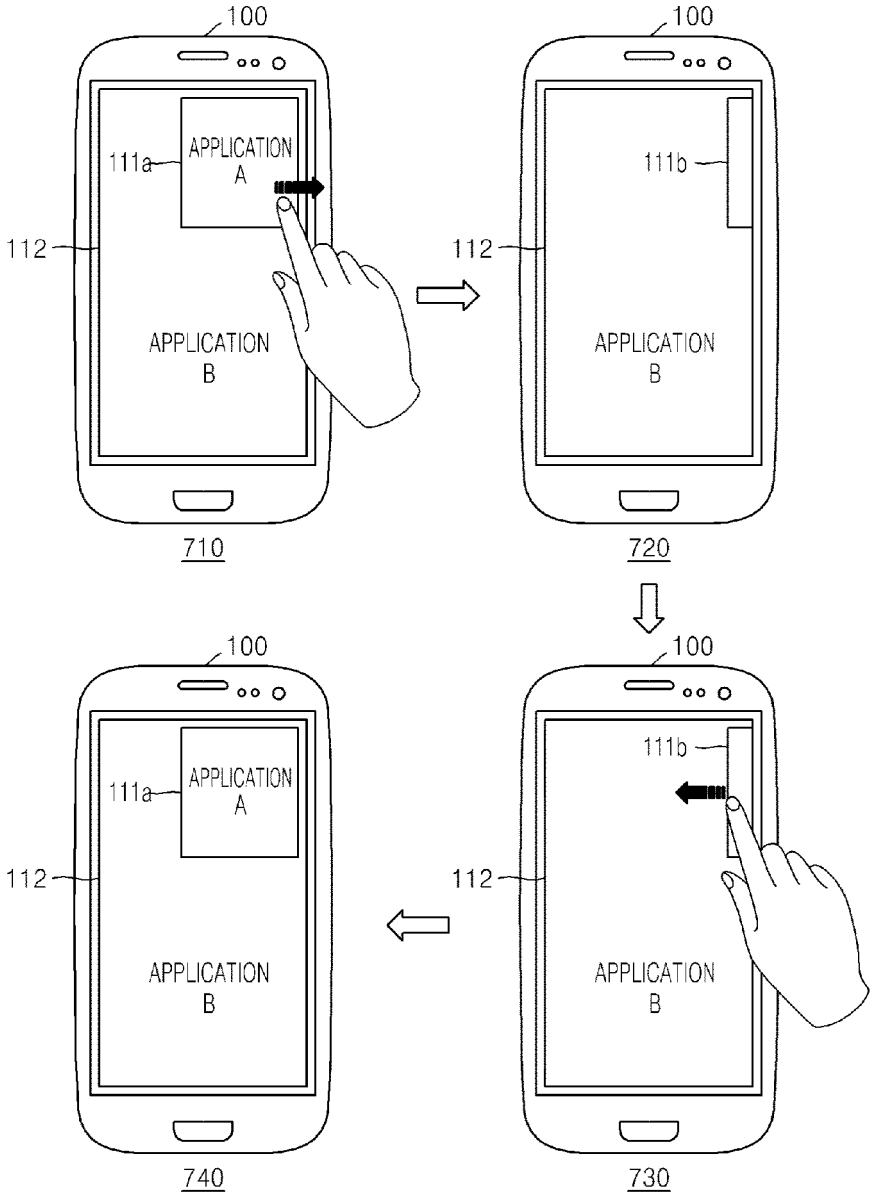
[Fig. 5]


100
40
APPLICATION A
10
APPLICATION B
510
100
40
APPLICATION B
10
APPLICATION A
520

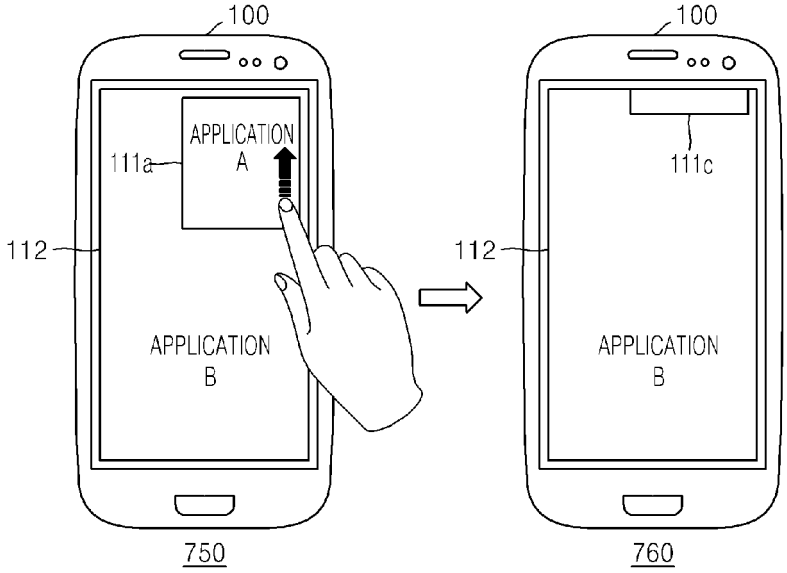
[Fig. 6]


START
DISPLAY EXECUTION SCREEN OF APPLICATION ON SUB-WINDOW
S601
S603
IS THERE ANY INPUT IN SUB-WINDOW FOR PREDETERMINED AMOUNT OF TIME?
NO
YES
S605
AUTOMATIC HIDE MODE?
NO
S607
IS GESTURE OF REQUESTING FOR HIDING SUB-WINDOW DETECTED?
NO
YES
YES
HIDE SUB-WINDOW
S609
S611
IS GESTURE OF REQUESTING FOR RELEASE OF HIDING SUB-WINDOW DETECTED?
NO
YES
RELEASE HIDING SUB-WINDOW
S613
END

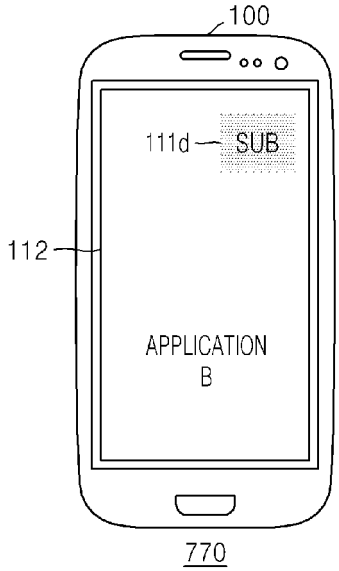
[Fig. 7A]


100
111a
APPLICATION A
112
APPLICATION B
710
100
111b
112
APPLICATION B
720
100
111a
APPLICATION A
112
APPLICATION B
740
100
111b
112
APPLICATION B
730

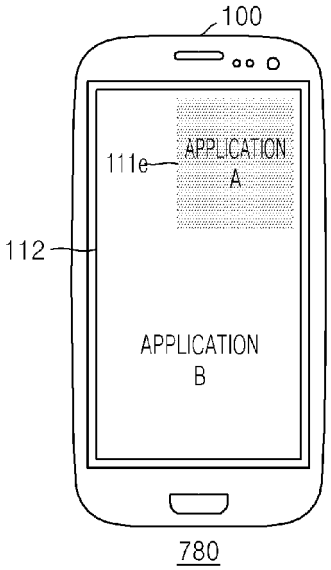
[Fig. 7B]


100
APPLICATION A
111a
112
APPLICATION B
750
100
111c
112
APPLICATION B
760

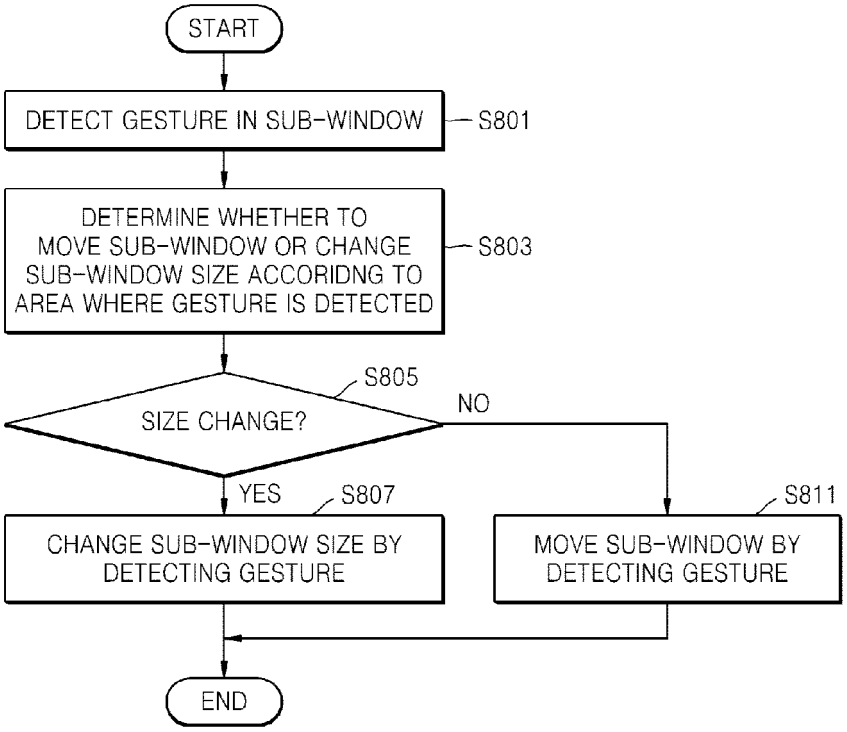
[Fig. 7C]


100
111d
SUB
112
APPLICATION
B
770

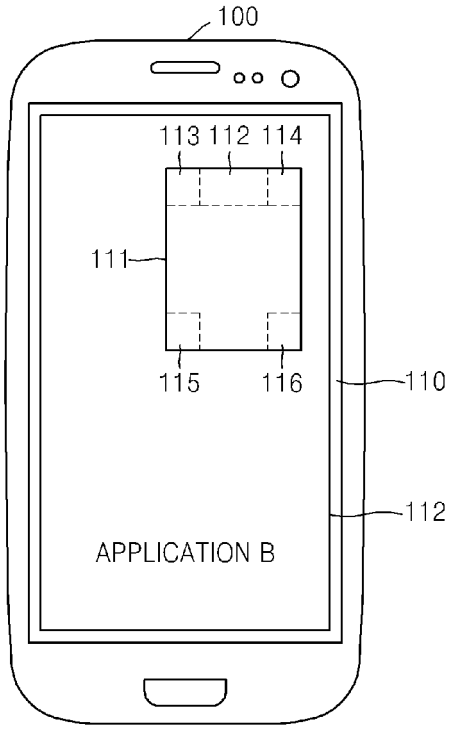
[Fig. 7D]


100
111e
APPLICATION
A
112
APPLICATION
B
780

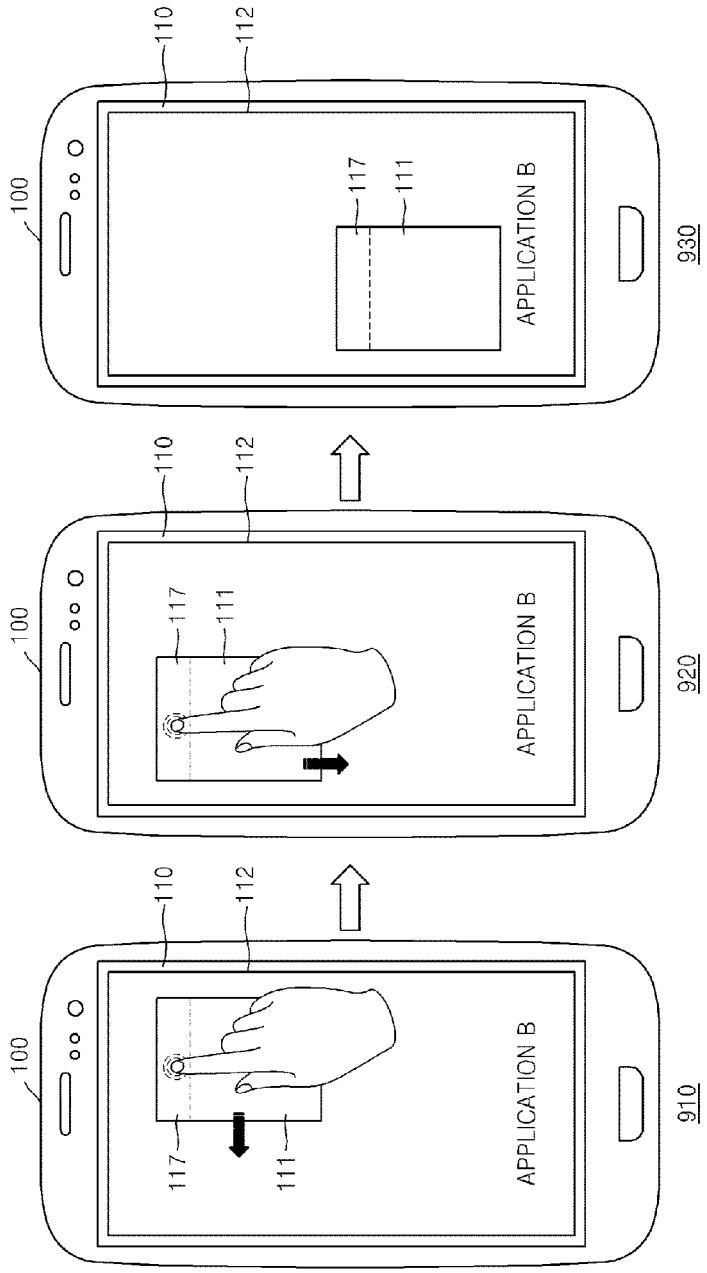
[Fig. 8]


START
DETECT GESTURE IN SUB-WINDOW
S801
DETERMINE WHETHER TO MOVE SUB-WINDOW OR CHANGE SUB-WINDOW SIZE ACCORIDNG TO AREA WHERE GESTURE IS DETECTED
S803
S805
SIZE CHANGE?
NO
YES
S807
CHANGE SUB-WINDOW SIZE BY DETECTING GESTURE
S811
MOVE SUB-WINDOW BY DETECTING GESTURE
END

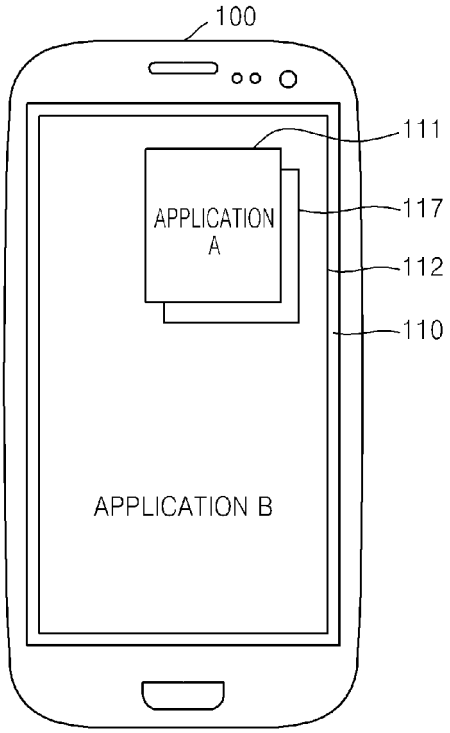
[Fig. 9A]


100
113 112 114
111
115
116
110
112
APPLICATION B

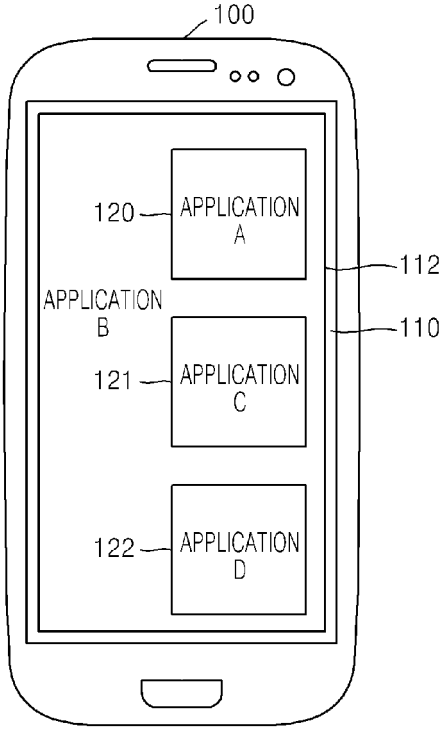
[Fig. 9B]



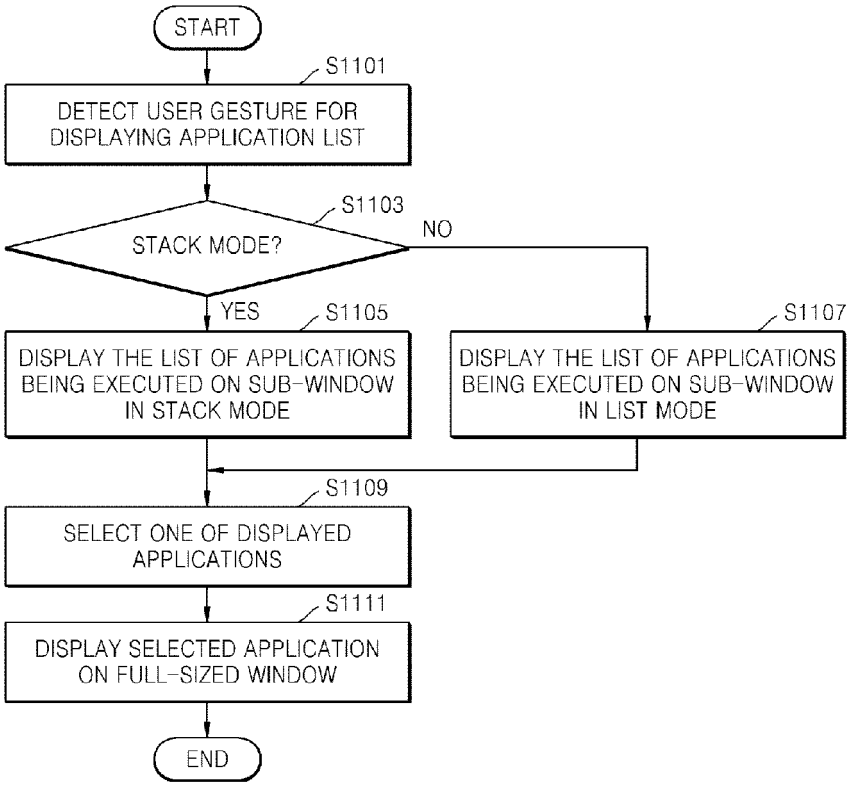
[Fig. 10A]



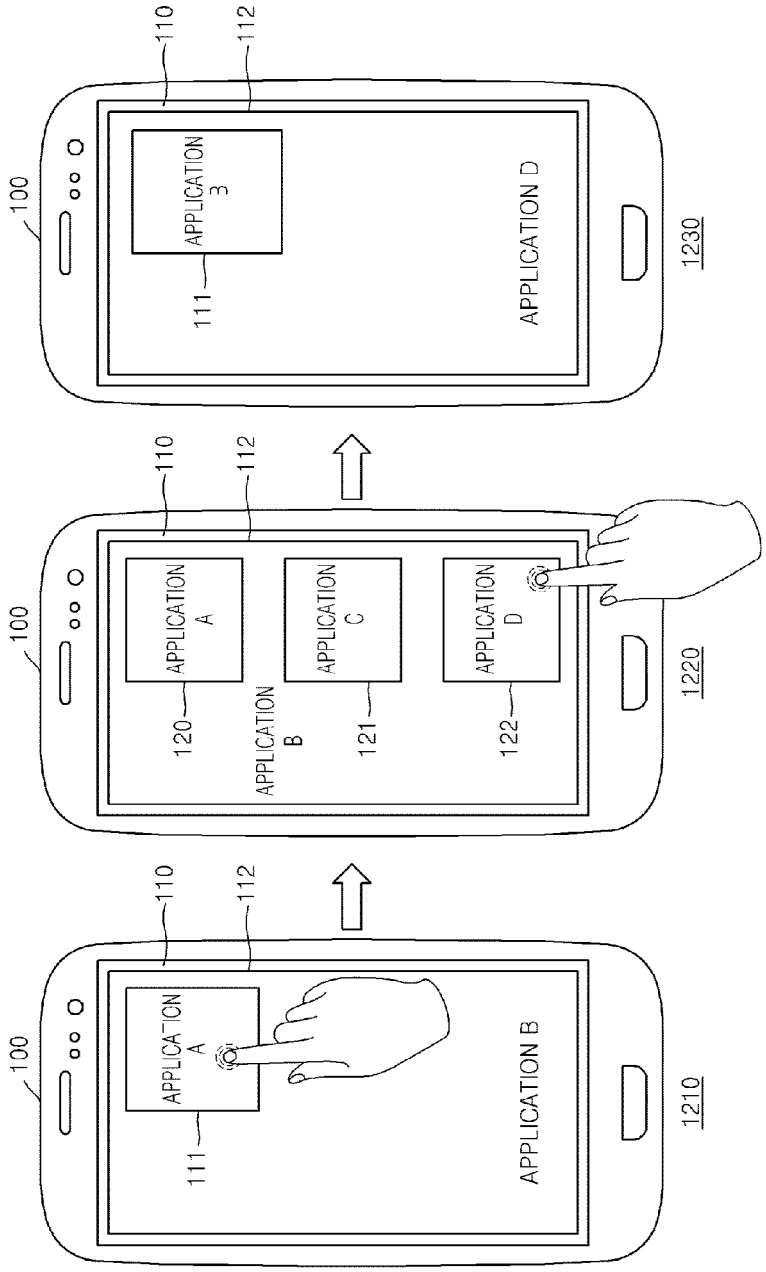
[Fig. 10B]



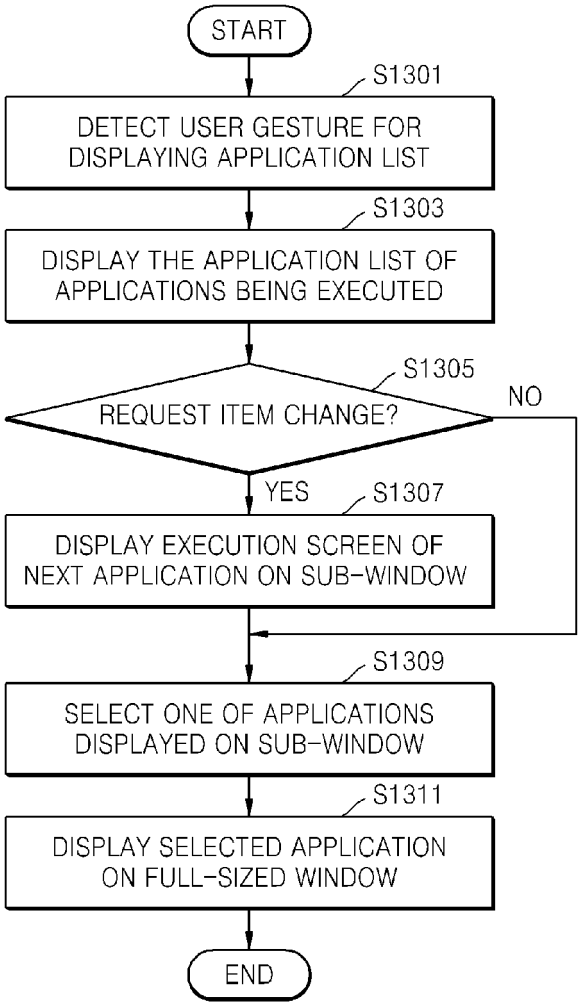
[Fig. 11]


START
S1101
DETECT USER GESTURE FOR DISPLAYING APPLICATION LIST
S1103
STACK MODE?
NO
YES
S1105
DISPLAY THE LIST OF APPLICATIONS BEING EXECUTED ON SUB-WINDOW IN STACK MODE
S1107
DISPLAY THE LIST OF APPLICATIONS BEING EXECUTED ON SUB-WINDOW IN LIST MODE
S1109
SELECT ONE OF DISPLAYED APPLICATIONS
S1111
DISPLAY SELECTED APPLICATION ON FULL-SIZED WINDOW
END

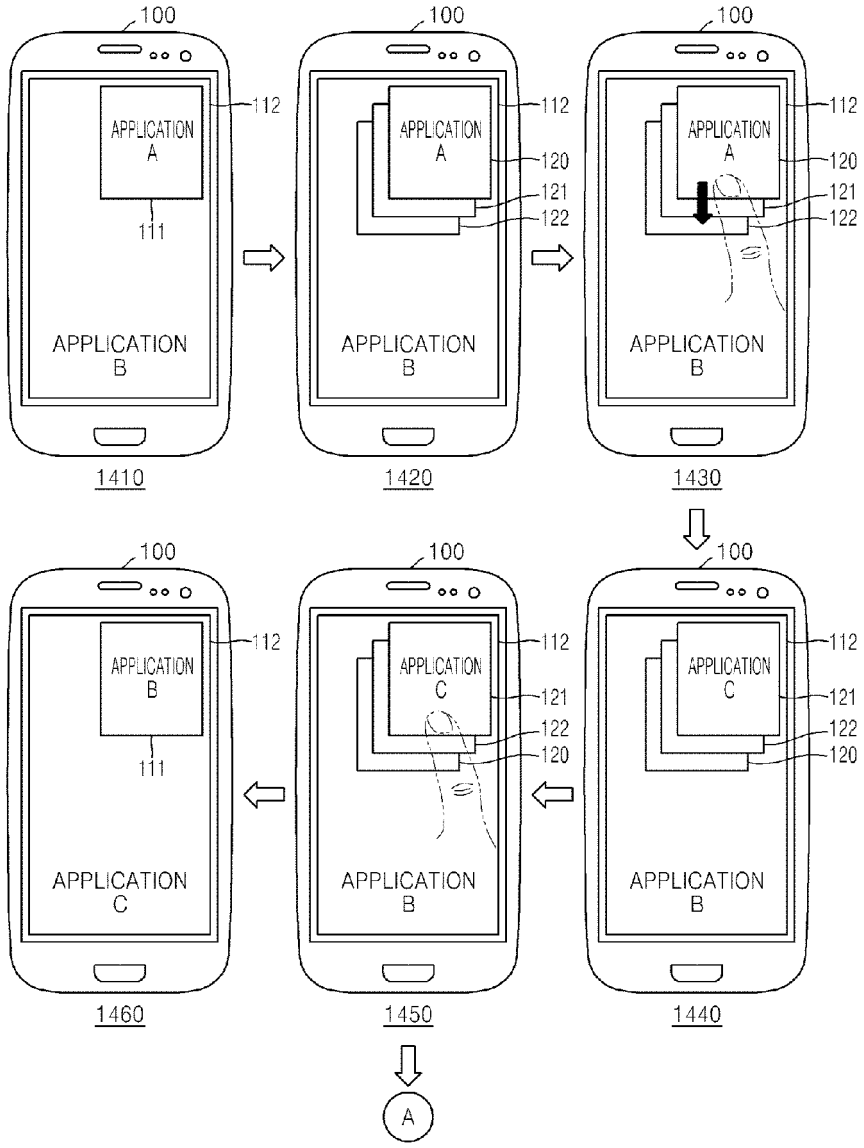
[Fig. 12]


100
110
112
APPLICATION 3
111
APPLICATION D
1230
APPLICATION A
120
APPLICATION B
APPLICATION C
121
APPLICATION D
122
1220
APPLICATION A
111
APPLICATION B
1210

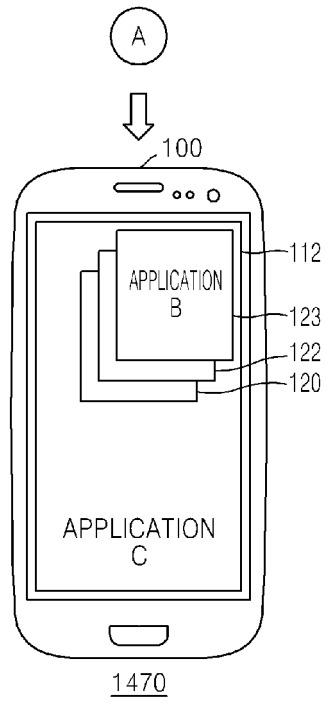
[Fig. 13]


START
S1301
DETECT USER GESTURE FOR DISPLAYING APPLICATION LIST
S1303
DISPLAY THE APPLICATION LIST OF APPLICATIONS BEING EXECUTED
S1305
REQUEST ITEM CHANGE?
NO
YES
S1307
DISPLAY EXECUTION SCREEN OF NEXT APPLICATION ON SUB-WINDOW
S1309
SELECT ONE OF APPLICATIONS DISPLAYED ON SUB-WINDOW
S1311
DISPLAY SELECTED APPLICATION ON FULL-SIZED WINDOW
END

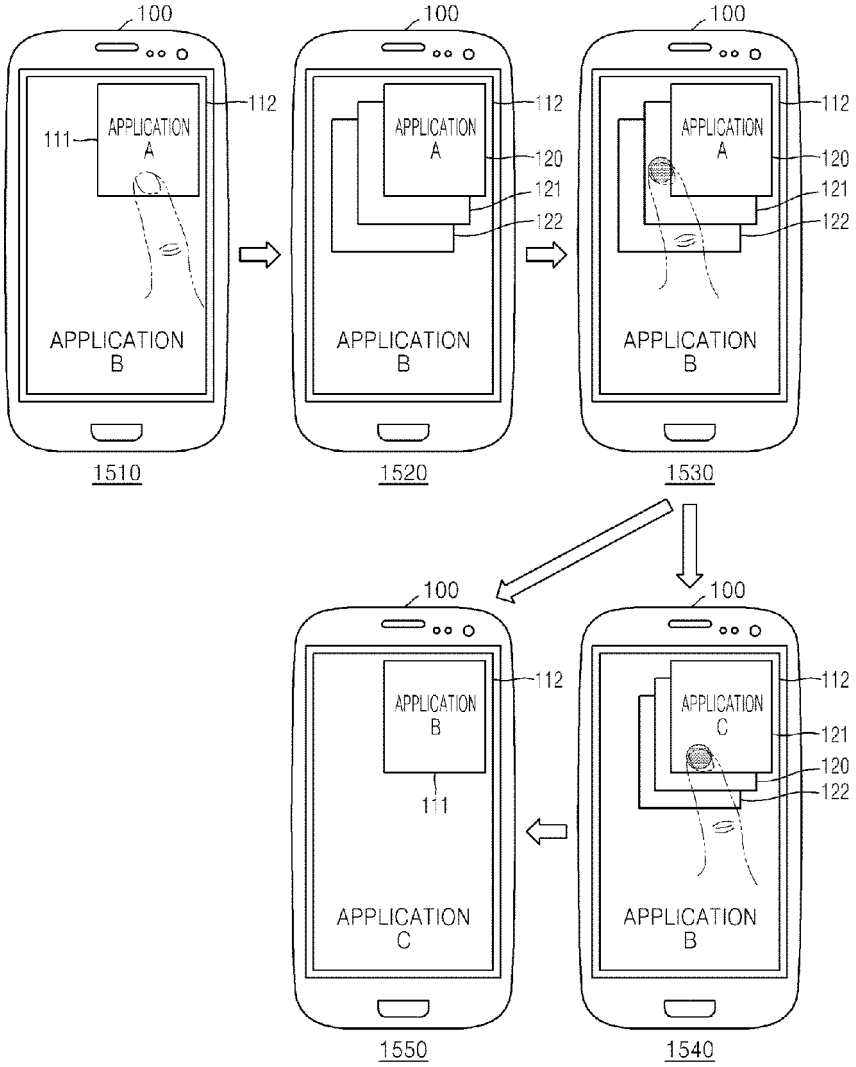
[Fig. 14A]



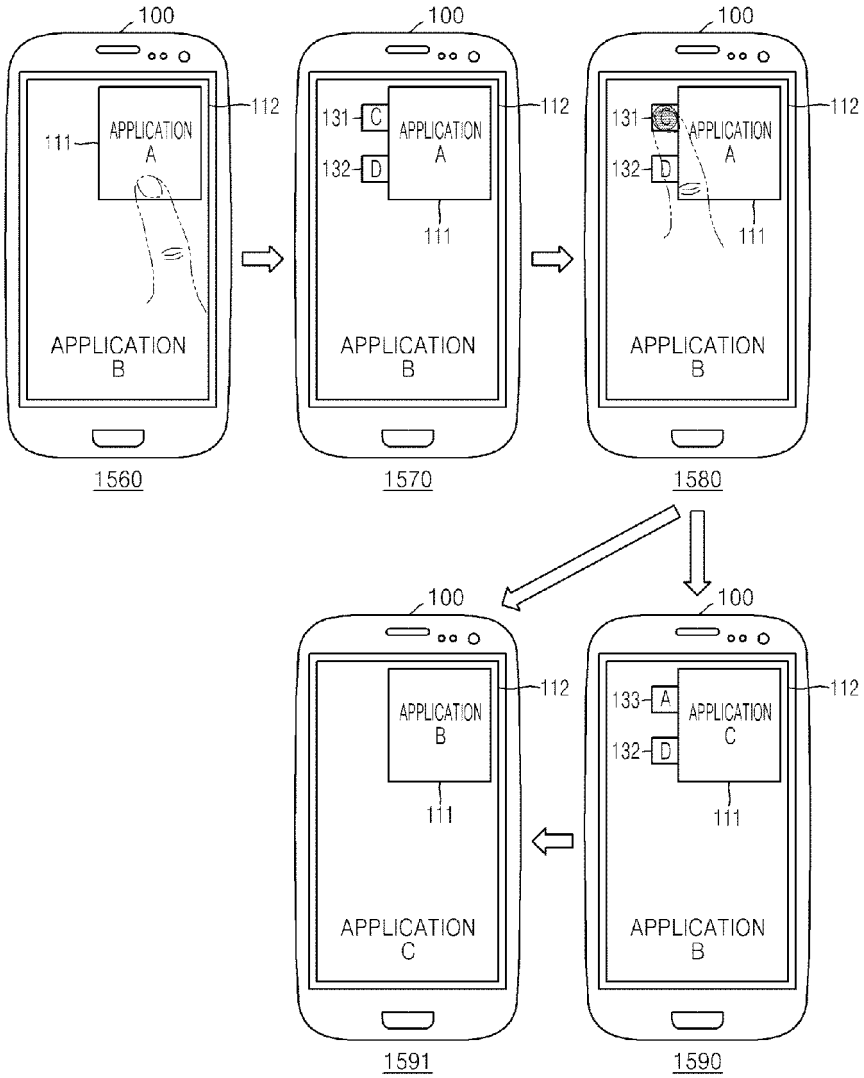
[Fig. 14B]



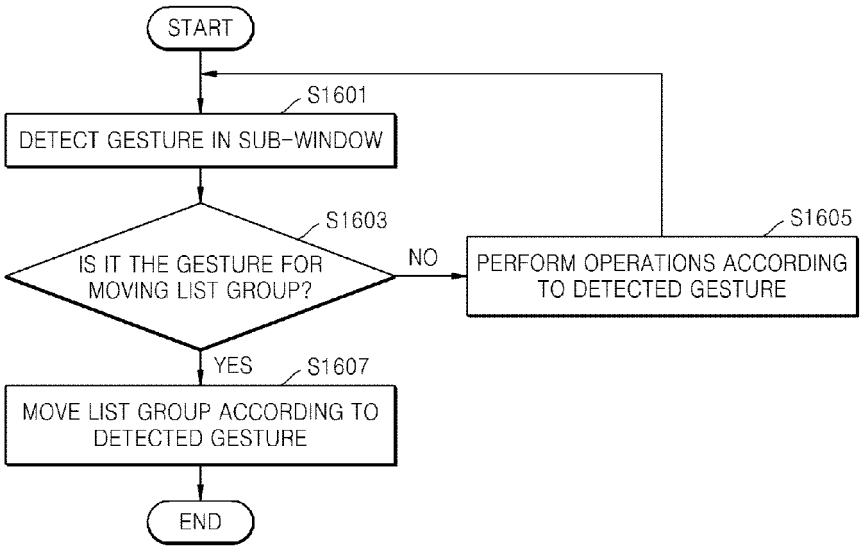
[Fig. 15A]


100
APPLICATION A
111
112
APPLICATION B
1510
120
121
122
1520
1530
APPLICATION C
1550
1540

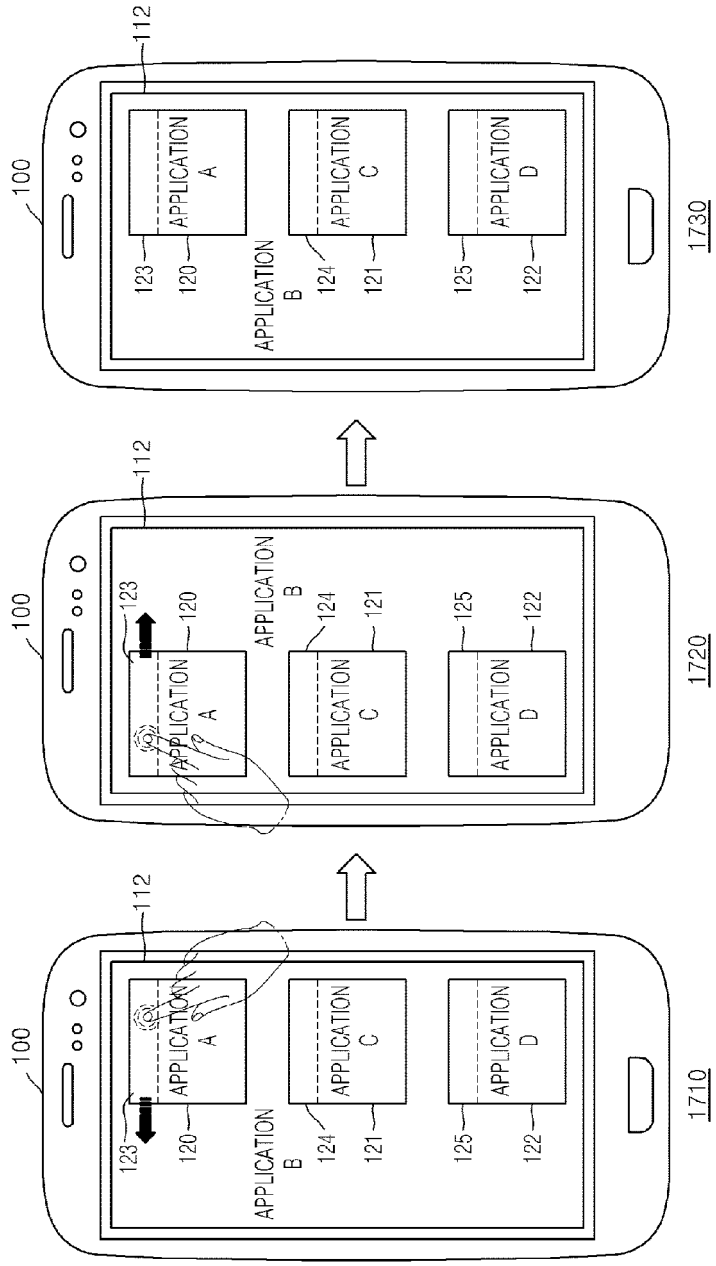
[Fig. 15B]



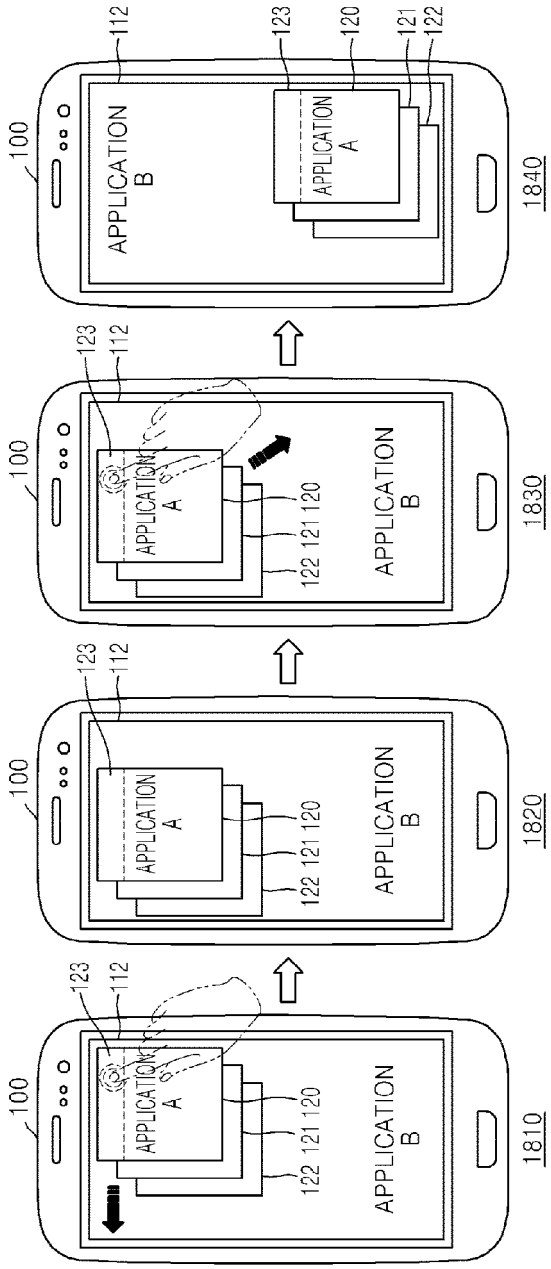
[Fig. 16]



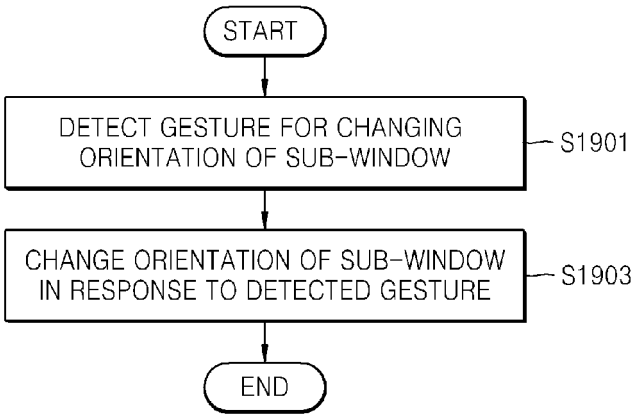
[Fig. 17]


100
112
APPLICATION A
APPLICATION B
APPLICATION C
APPLICATION D
120
121
122
123
124
125
1710
1720
1730

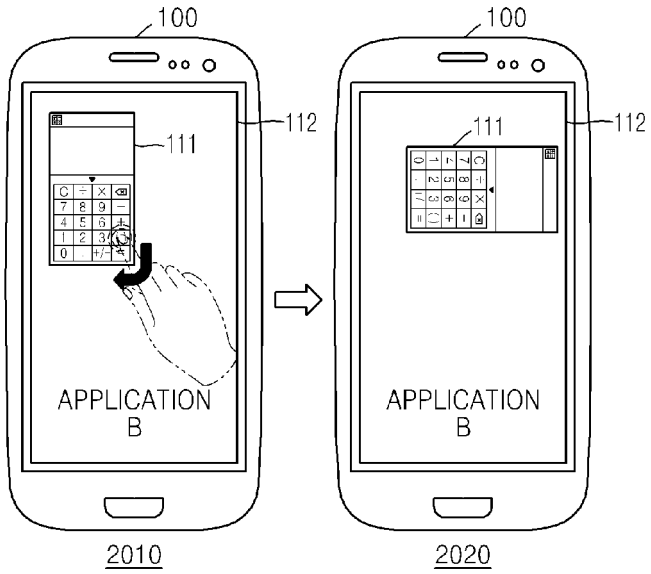
[Fig. 18]


112
123
120
121
122
100
APPLICATION B
APPLICATION A
1840
1830
1820
1810
122 121 120

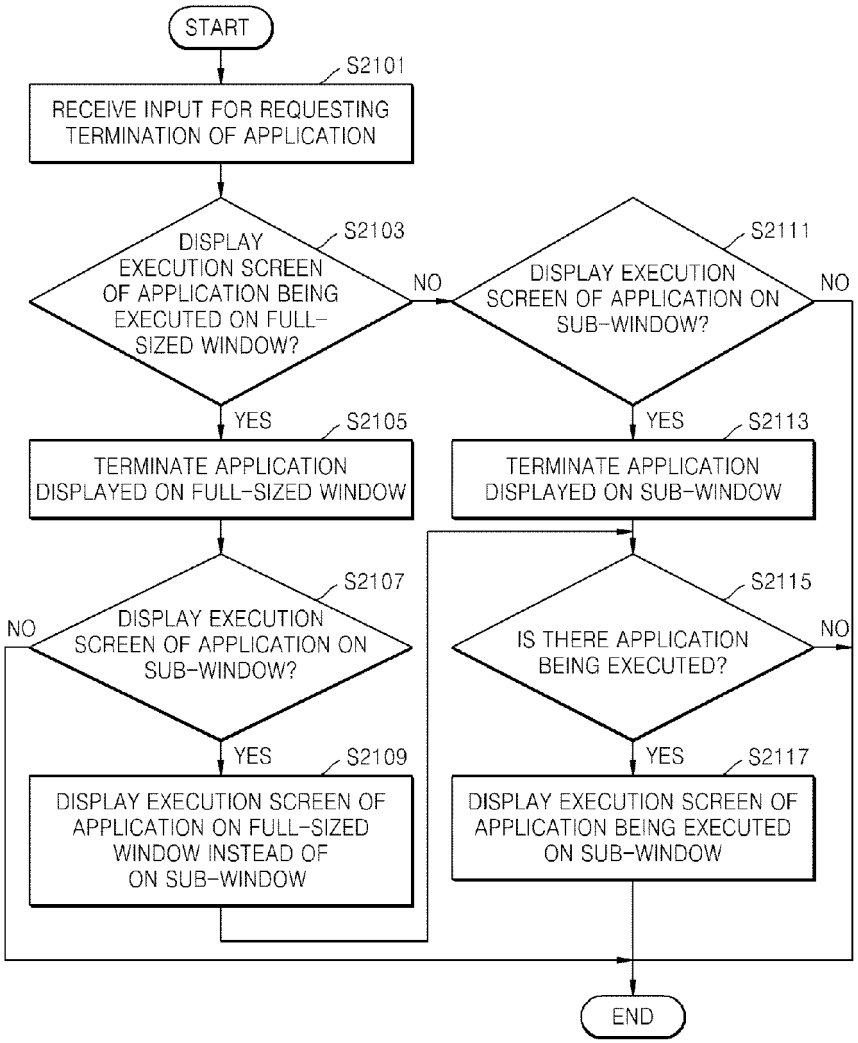
[Fig. 19]


START
DETECT GESTURE FOR CHANGING ORIENTATION OF SUB-WINDOW
S1901
CHANGE ORIENTATION OF SUB-WINDOW IN RESPONSE TO DETECTED GESTURE
S1903
END

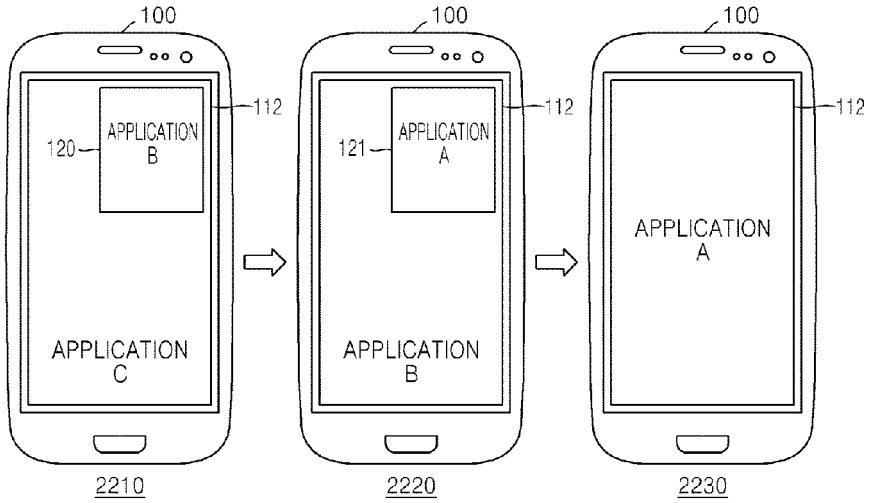
[Fig. 20]


100
111
112
APPLICATION B
2010
100
111
112
APPLICATION B
2020

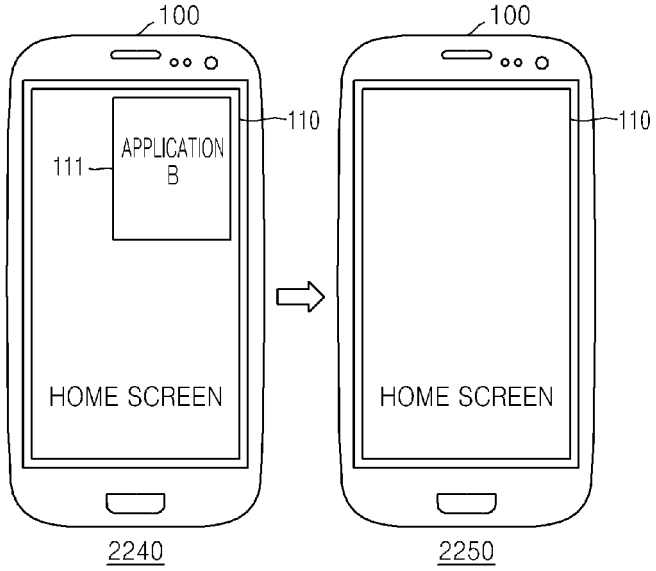
[Fig. 21]


START
S2101
RECEIVE INPUT FOR REQUESTING TERMINATION OF APPLICATION
S2103
DISPLAY EXECUTION SCREEN OF APPLICATION BEING EXECUTED ON FULL-SIZED WINDOW?
NO
S2111
DISPLAY EXECUTION SCREEN OF APPLICATION ON SUB-WINDOW?
NO
YES
S2105
TERMINATE APPLICATION DISPLAYED ON FULL-SIZED WINDOW
YES
S2113
TERMINATE APPLICATION DISPLAYED ON SUB-WINDOW
S2107
NO
DISPLAY EXECUTION SCREEN OF APPLICATION ON SUB-WINDOW?
S2115
IS THERE APPLICATION BEING EXECUTED?
NO
YES
S2109
DISPLAY EXECUTION SCREEN OF APPLICATION ON FULL-SIZED WINDOW INSTEAD OF ON SUB-WINDOW
YES
S2117
DISPLAY EXECUTION SCREEN OF APPLICATION BEING EXECUTED ON SUB-WINDOW
END

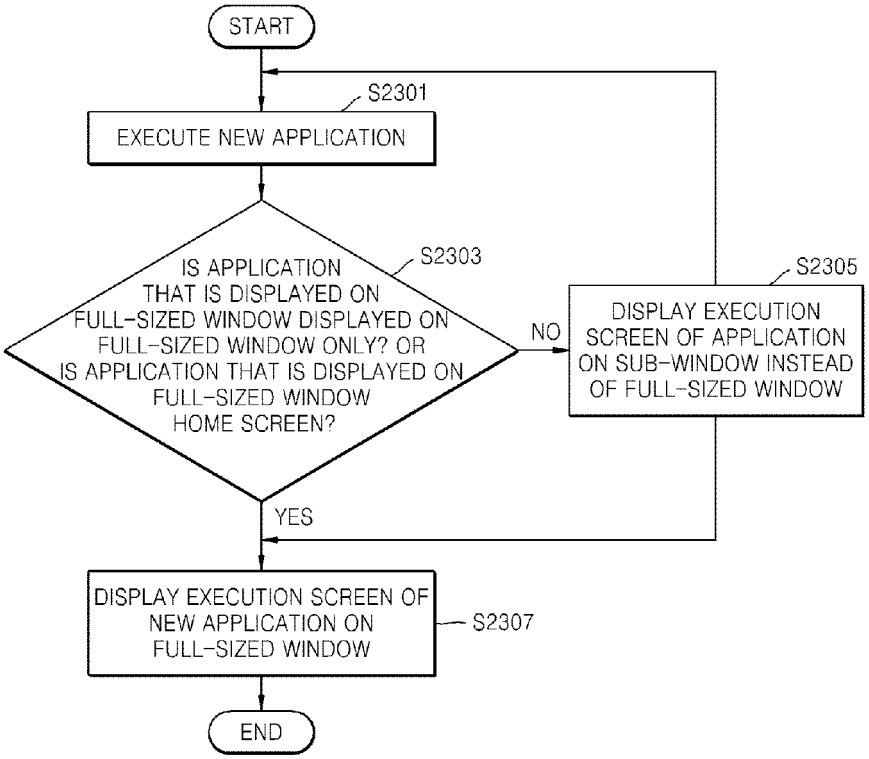
[Fig. 22A]



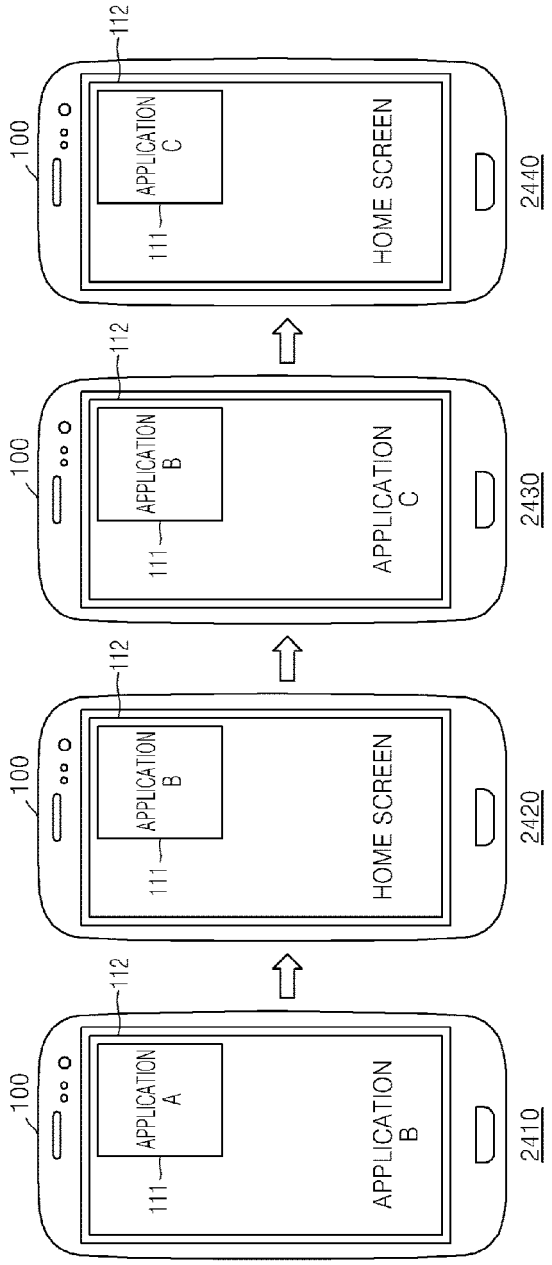
[Fig. 22B]



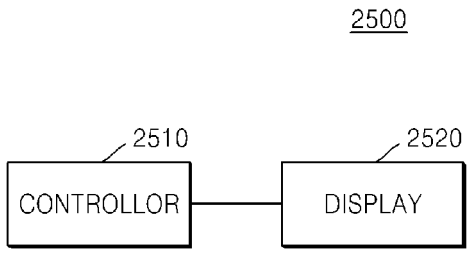
[Fig. 23]


START
S2301
EXECUTE NEW APPLICATION
S2303
IS APPLICATION THAT IS DISPLAYED ON FULL-SIZED WINDOW DISPLAYED ON FULL-SIZED WINDOW ONLY? OR IS APPLICATION THAT IS DISPLAYED ON FULL-SIZED WINDOW HOME SCREEN?
NO
S2305
DISPLAY EXECUTION SCREEN OF APPLICATION ON SUB-WINDOW INSTEAD OF FULL-SIZED WINDOW
YES
DISPLAY EXECUTION SCREEN OF NEW APPLICATION ON FULL-SIZED WINDOW
S2307
END

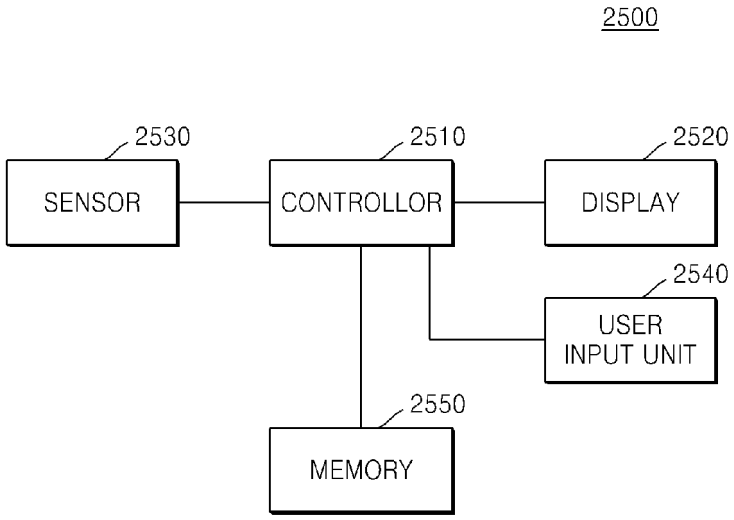
[Fig. 24]



[Fig. 25A]



[Fig. 25B]


2500
2530
SENSOR
2510
CONTROLLOR
2520
DISPLAY
2540
USER
INPUT UNIT
2550
MEMORY