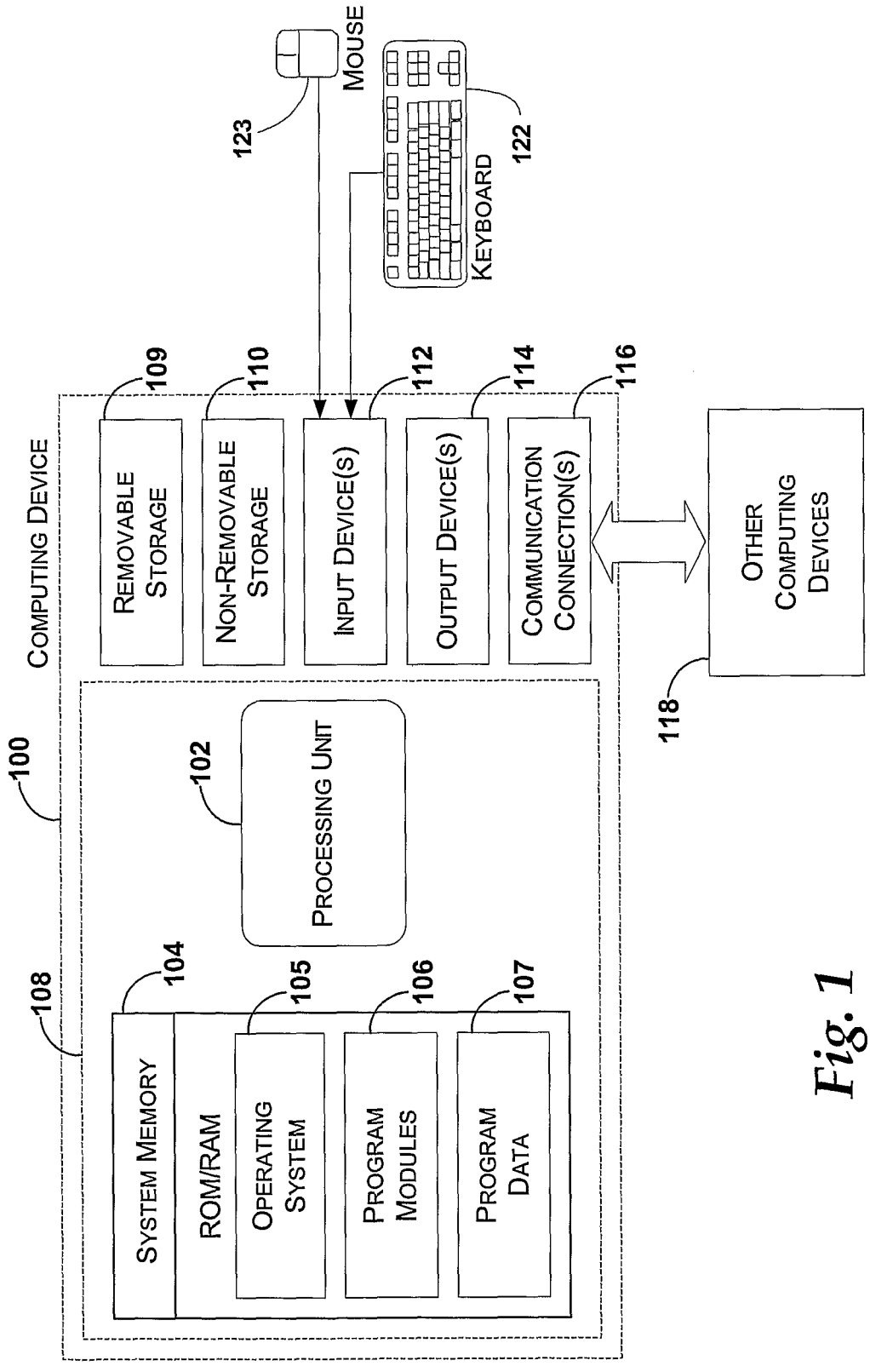

MOUSE
123
KEYBOARD
122
COMPUTING DEVICE
100
REMOVABLE STORAGE
109
NON-REMOVABLE STORAGE
110
INPUT DEVICE(S)
112
OUTPUT DEVICE(S)
114
COMMUNICATION CONNECTION(S)
116
OTHER COMPUTING DEVICES
118
PROCESSING UNIT
102
SYSTEM MEMORY
104
108
ROM/RAM
OPERATING SYSTEM
105
PROGRAM MODULES
106
PROGRAM DATA
107

Fig. 1

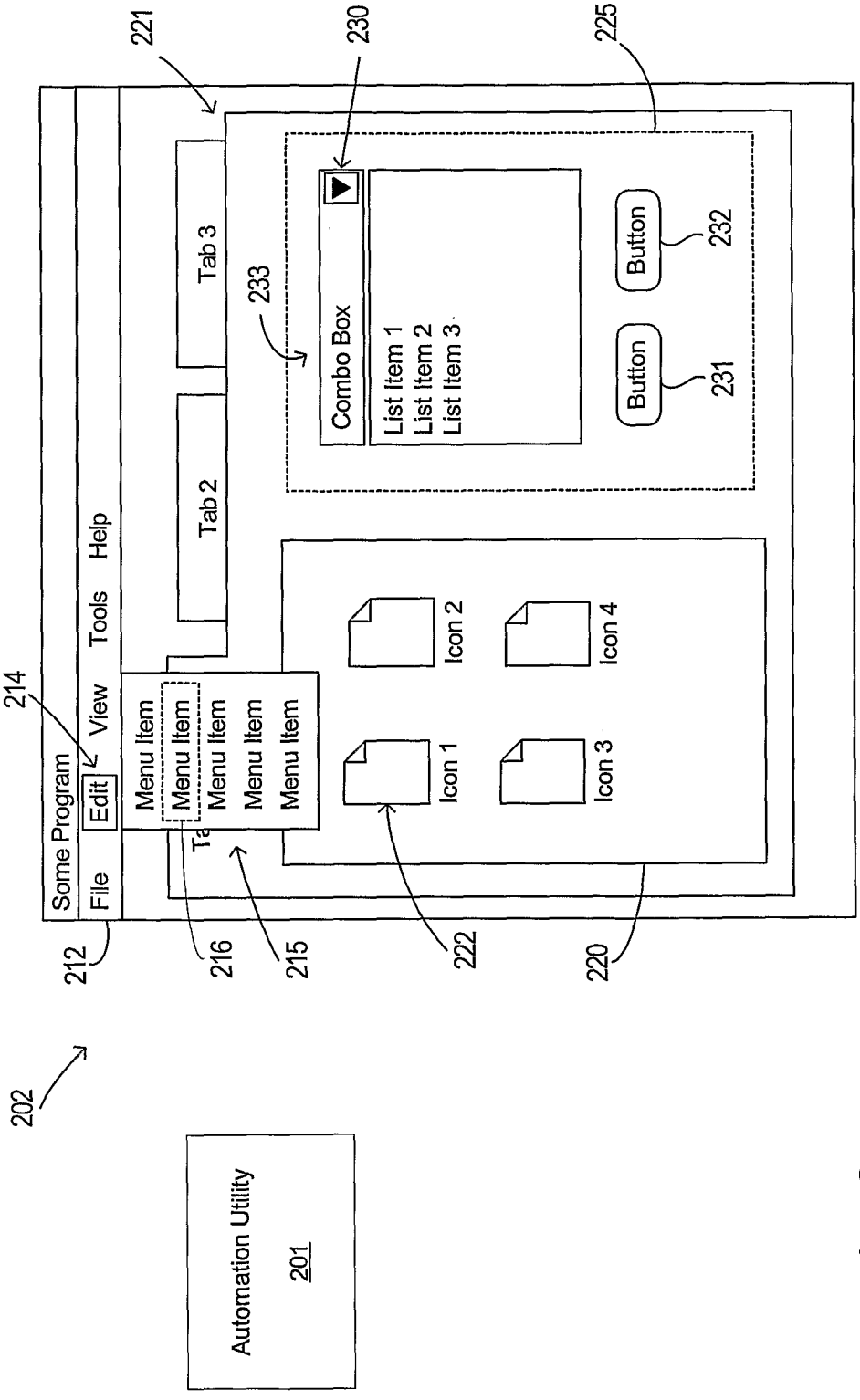
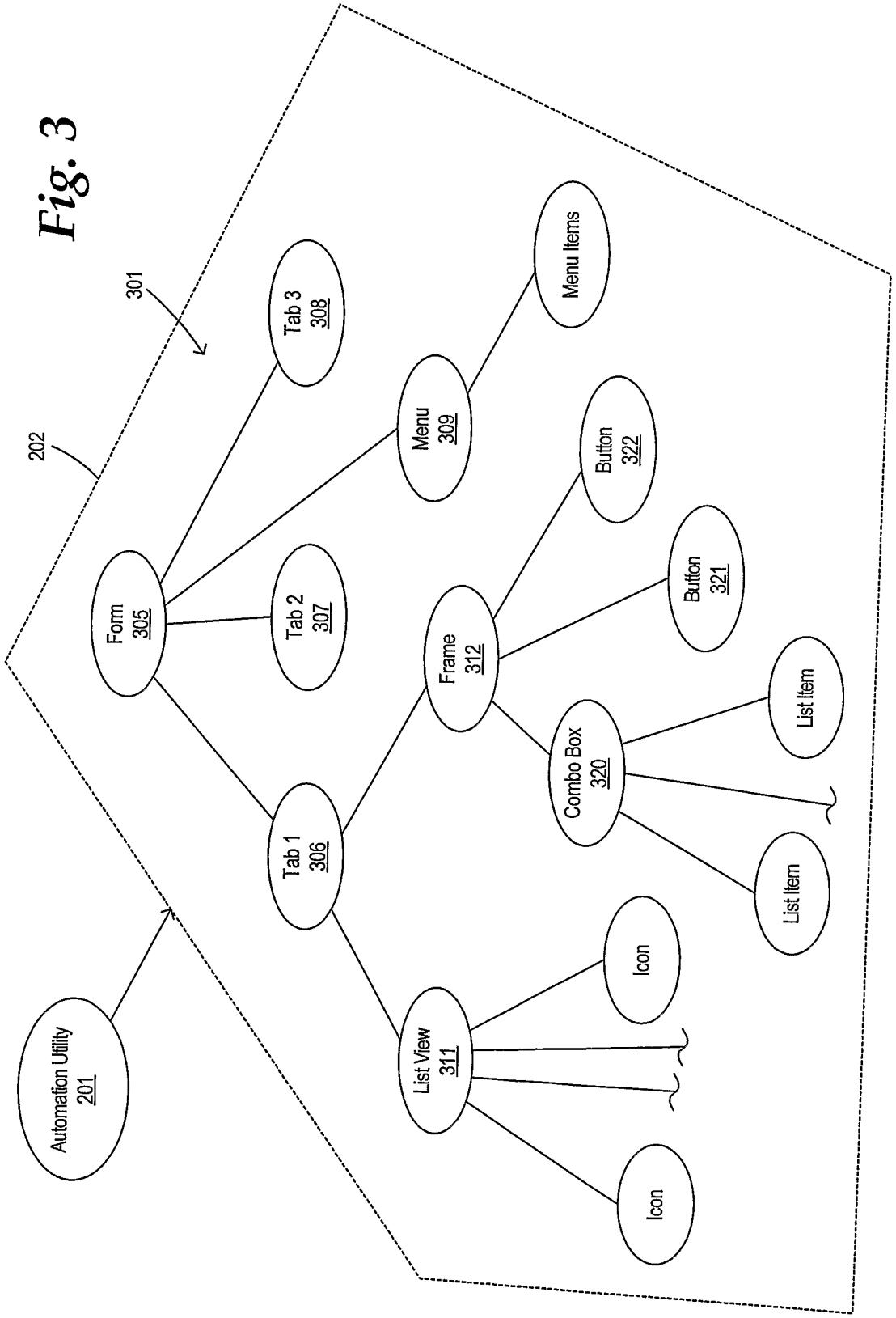

202
Automation Utility
201
Some Program
File
Edit
View
Tools
Help
Menu Item
Menu Item
Menu Item
Menu Item
Menu Item
Tab 2
Tab 3
Combo Box
List Item 1
List Item 2
List Item 3
Button
Button
Icon 1
Icon 2
Icon 3
Icon 4
212
214
215
216
220
221
222
225
230
231
232
233

Fig. 2

Fig. 3


Automation Utility 201
202
301
Form 305
Tab 1 306
Tab 2 307
Tab 3 308
Menu 309
Menu Items
List View 311
Icon
Icon
Frame 312
Button 322
Button 321
Combo Box 320
List Item
List Item

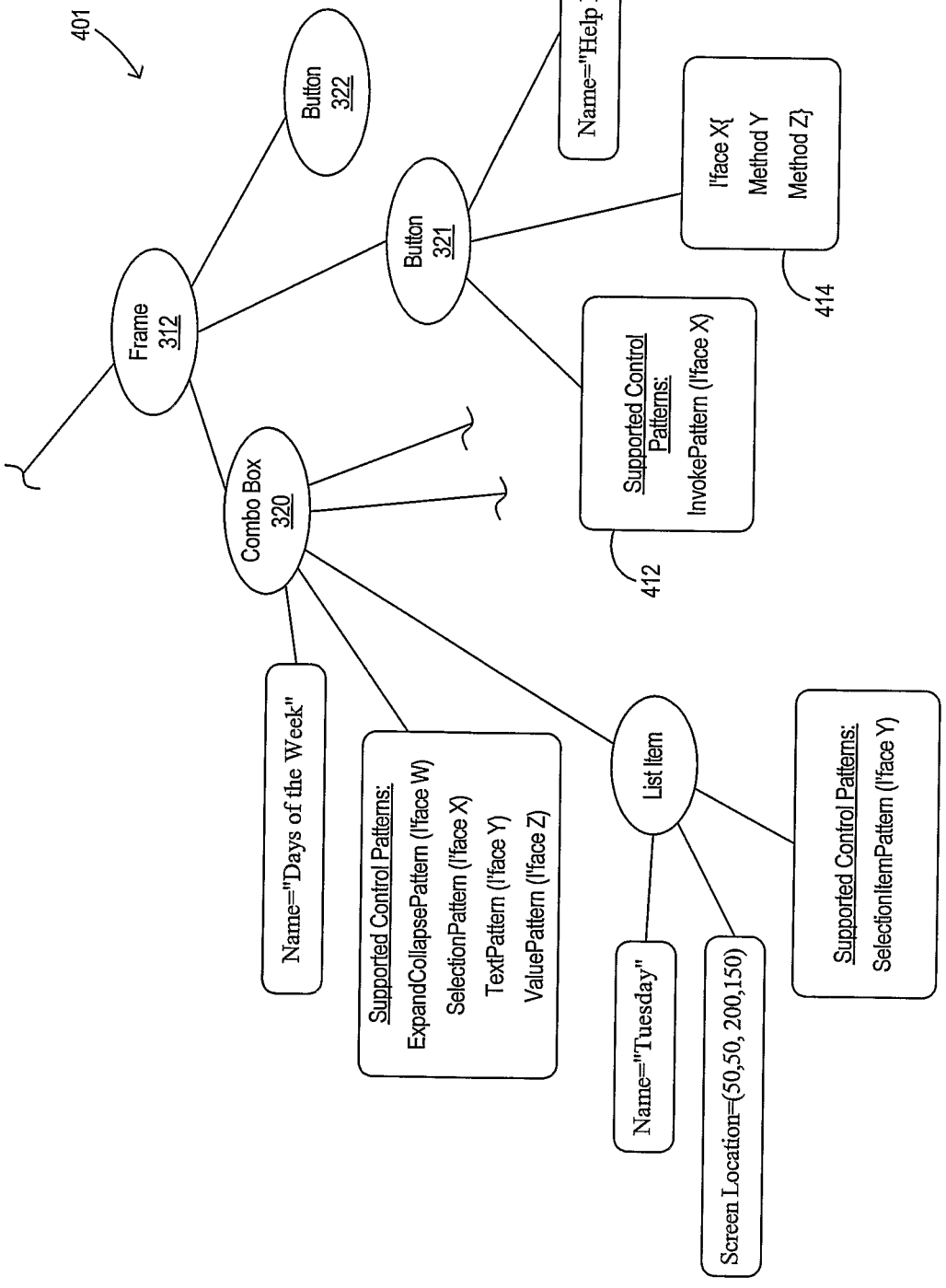

401
Frame 312
Button 322
Button 321
Name="Help Button"
410
I'face X{ Method Y Method Z}
414
Supported Control Patterns: InvokePattern (I'face X)
412
Combo Box 320
Name="Days of the Week"
Supported Control Patterns: ExpandCollapsePattern (I'face W) SelectionPattern (I'face X) TextPattern (I'face Y) ValuePattern (I'face Z)
List Item
Name="Tuesday"
Screen Location=(50,50, 200,150)
Supported Control Patterns: SelectionItemPattern (I'face Y)

Fig. 4

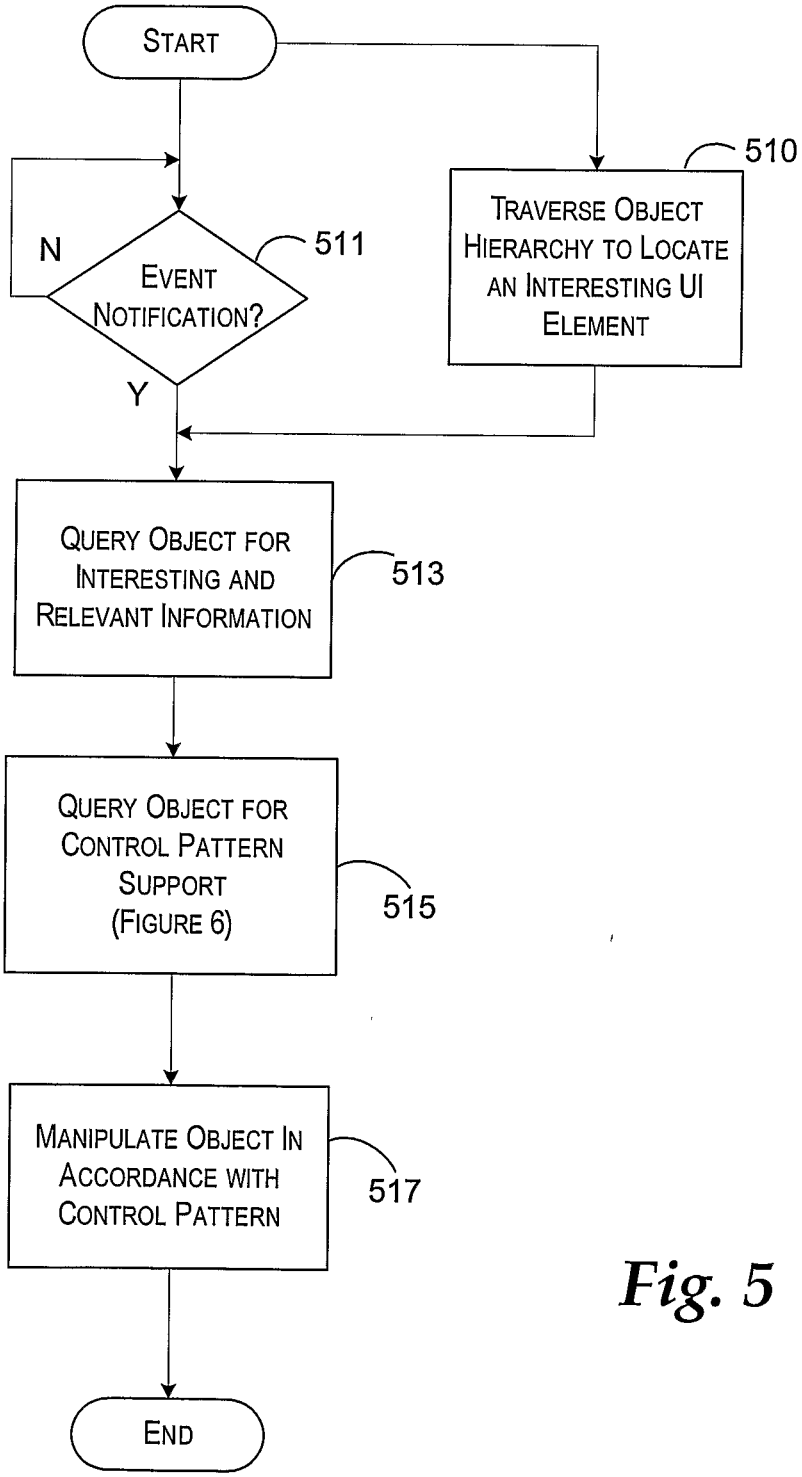

START
510
TRAVERSE OBJECT HIERARCHY TO LOCATE AN INTERESTING UI ELEMENT
N
511
EVENT NOTIFICATION?
Y
QUERY OBJECT FOR INTERESTING AND RELEVANT INFORMATION
513
QUERY OBJECT FOR CONTROL PATTERN SUPPORT (FIGURE 6)
515
MANIPULATE OBJECT IN ACCORDANCE WITH CONTROL PATTERN
517
END

Fig. 5

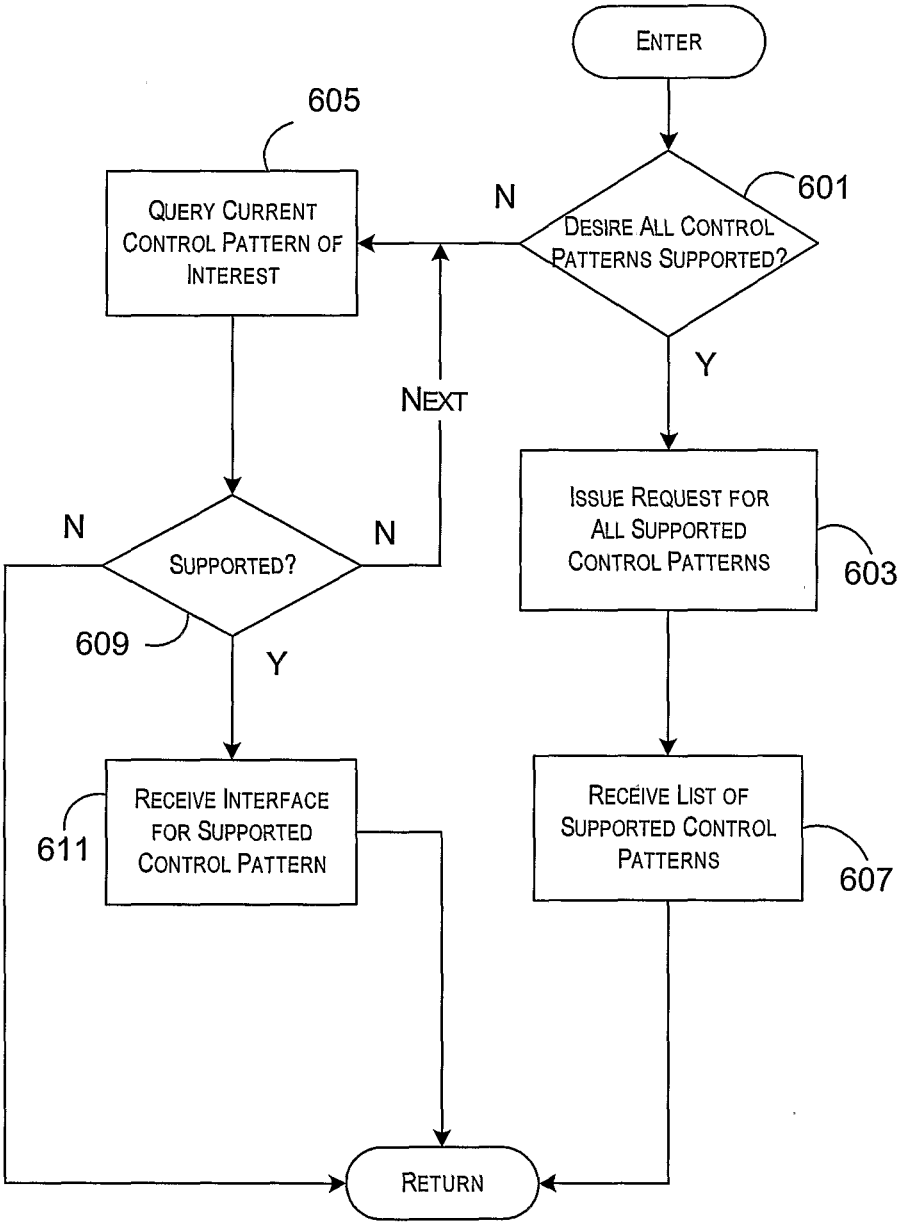

ENTER
605
QUERY CURRENT CONTROL PATTERN OF INTEREST
N
DESIRE ALL CONTROL PATTERNS SUPPORTED?
601
Y
NEXT
ISSUE REQUEST FOR ALL SUPPORTED CONTROL PATTERNS
603
N
SUPPORTED?
N
609
Y
RECEIVE INTERFACE FOR SUPPORTED CONTROL PATTERN
611
RECEIVE LIST OF SUPPORTED CONTROL PATTERNS
607
RETURN

Fig. 6