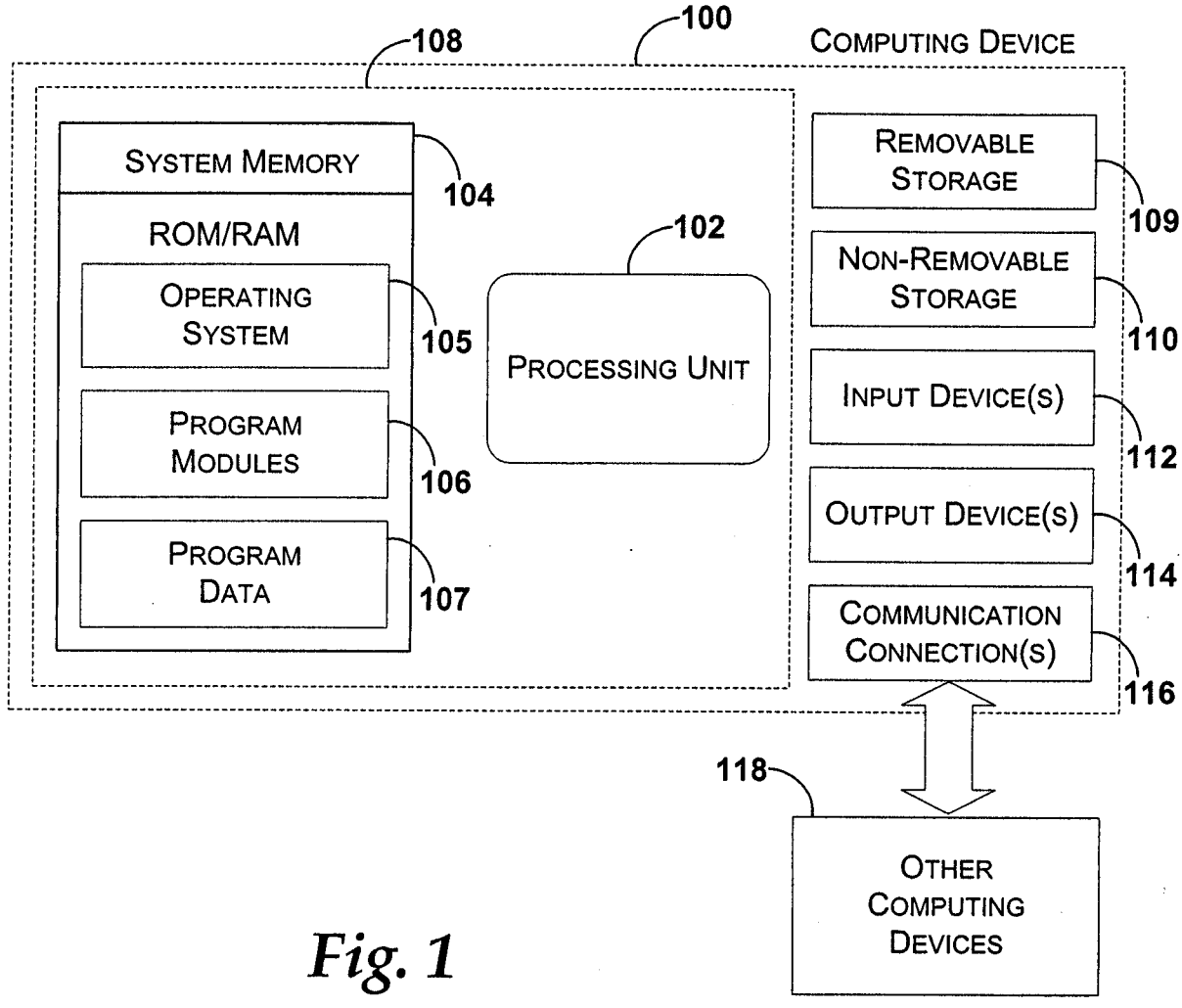

100
COMPUTING DEVICE
108
SYSTEM MEMORY
104
ROM/RAM
OPERATING SYSTEM
105
PROGRAM MODULES
106
PROGRAM DATA
107
102
PROCESSING UNIT
REMOVABLE STORAGE
109
NON-REMOVABLE STORAGE
110
INPUT DEVICE(S)
112
OUTPUT DEVICE(S)
114
COMMUNICATION CONNECTION(S)
116
118
OTHER COMPUTING DEVICES

Fig. 1

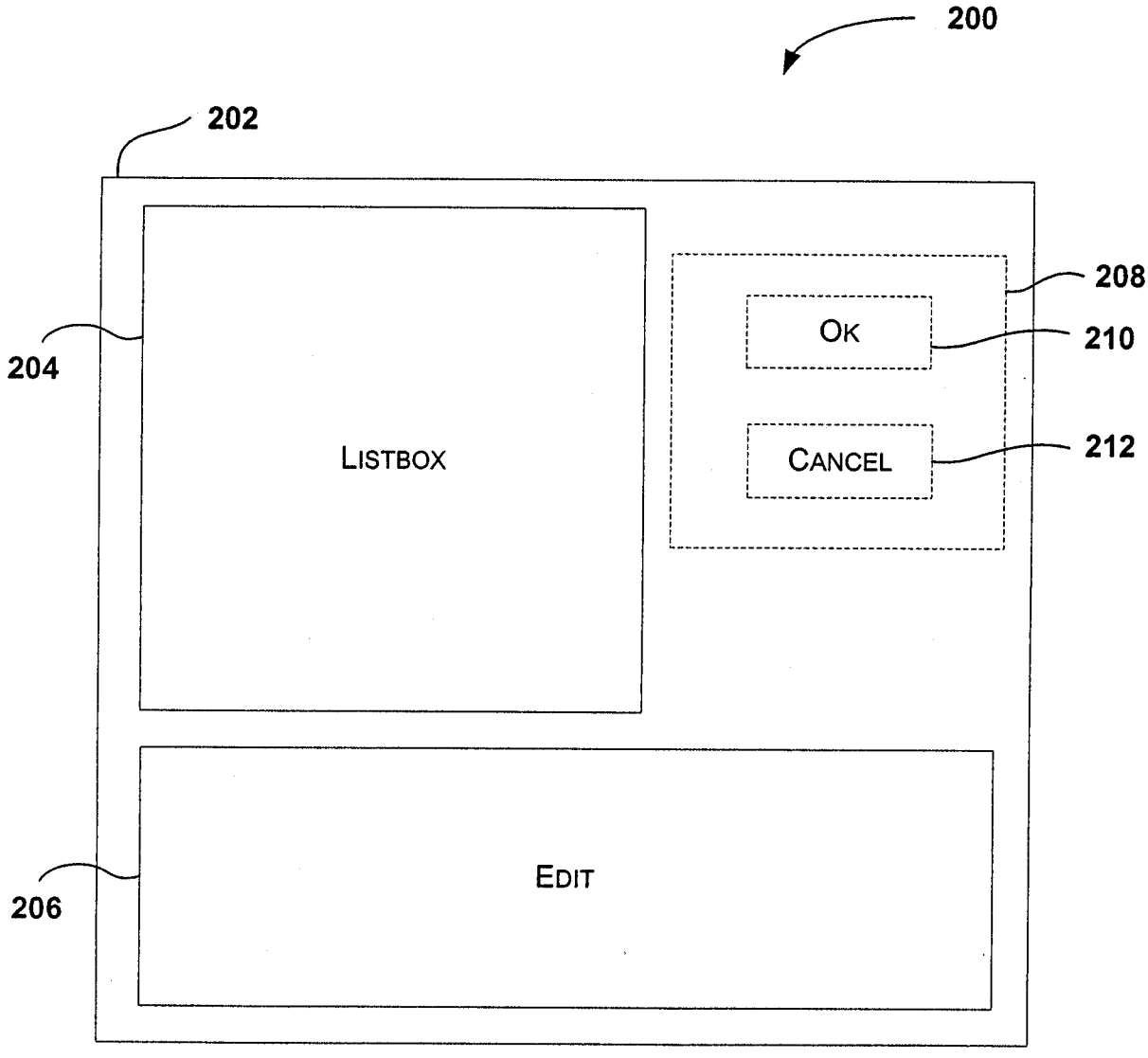


Fig. 2

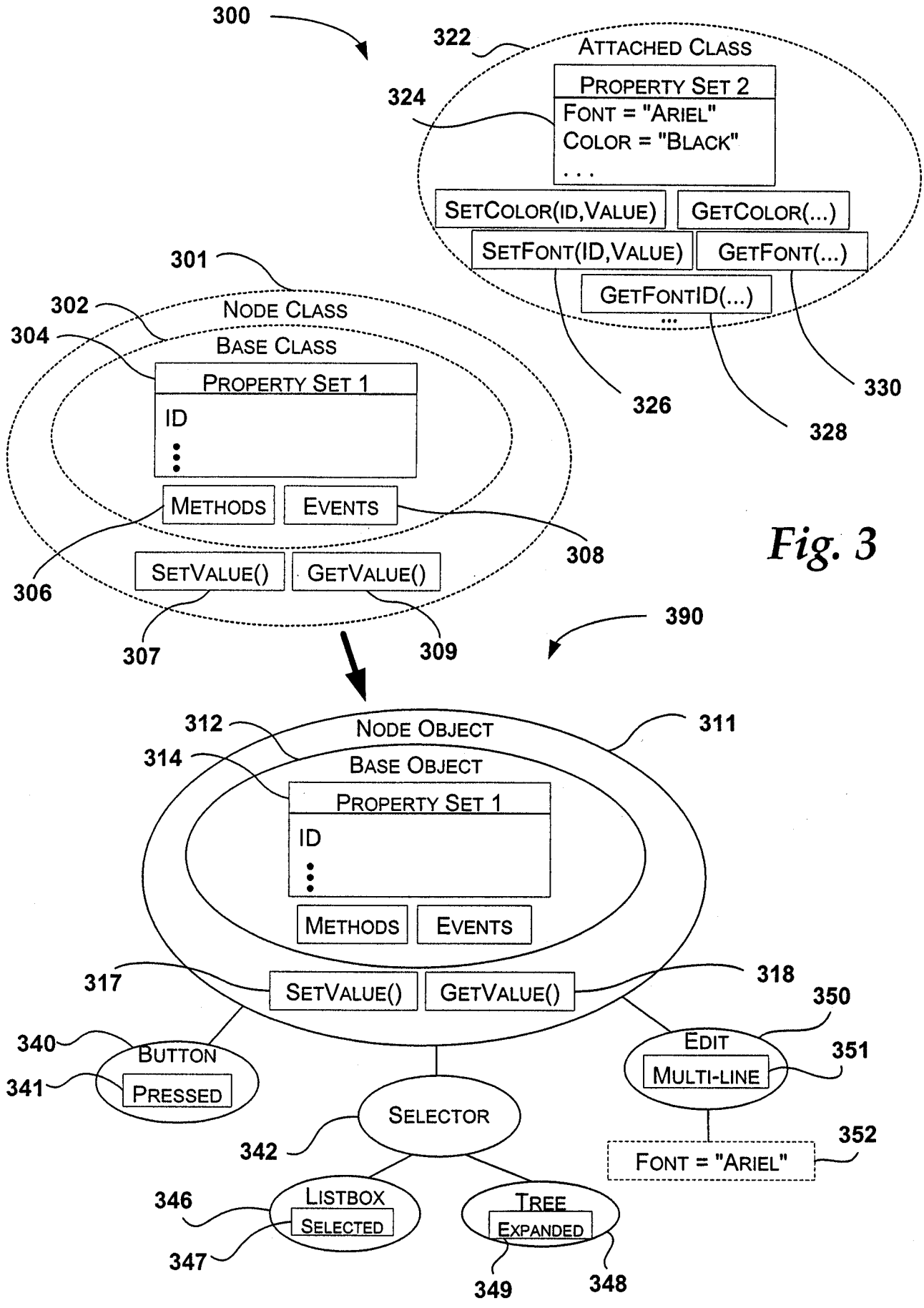

300
322
ATTACHED CLASS
PROPERTY SET 2
324
FONT = "ARIEL"
COLOR = "BLACK"
. . .
SETCOLOR(ID,VALUE)
GETCOLOR(...)
SETFONT(ID,VALUE)
GETFONT(...)
GETFONTID(...)
...
301
302
NODE CLASS
304
BASE CLASS
PROPERTY SET 1
ID
METHODS
EVENTS
SETVALUE()
GETVALUE()
326
328
330
308
306
307
309
390
312
NODE OBJECT
311
314
BASE OBJECT
PROPERTY SET 1
ID
METHODS
EVENTS
317
SETVALUE()
GETVALUE()
318
350
340
BUTTON
341
PRESSED
EDIT
351
MULTI-LINE
SELECTOR
342
352
FONT = "ARIEL"
346
LISTBOX
SELECTED
347
TREE
EXPANDED
349
348

Fig. 3

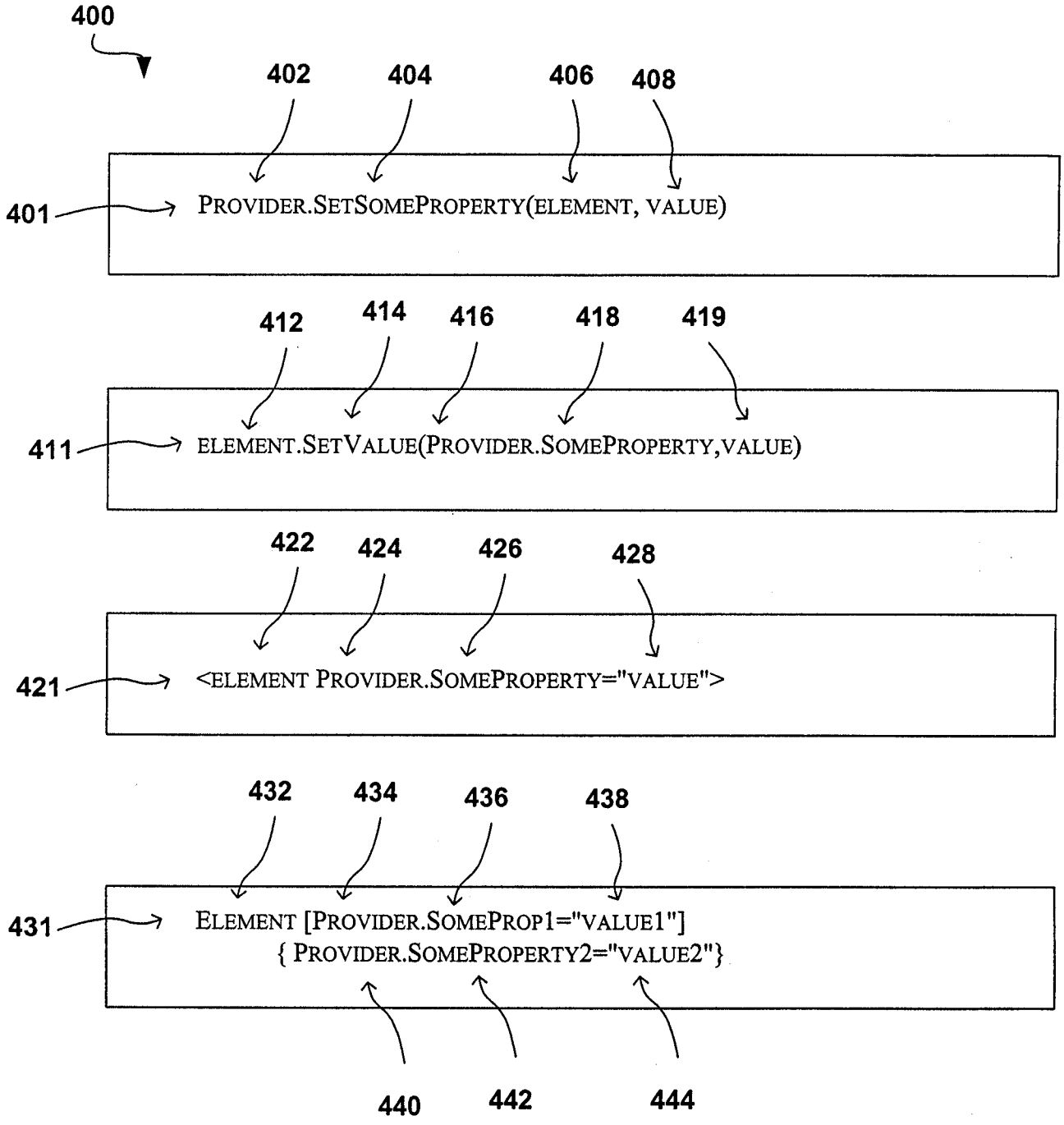

400
402
404
406
408
401
PROVIDER.SETSOMEPROPERTY(ELEMENT, VALUE)
412
414
416
418
419
411
ELEMENT.SETVALUE(PROVIDER.SOMEPROPERTY,VALUE)
422
424
426
428
421
<ELEMENT PROVIDER.SOMEPROPERTY="VALUE">
432
434
436
438
431
ELEMENT [PROVIDER.SOMEPROP1="VALUE1"]
{ PROVIDER.SOMEPROPERTY2="VALUE2"}
440
442
444

Fig. 4

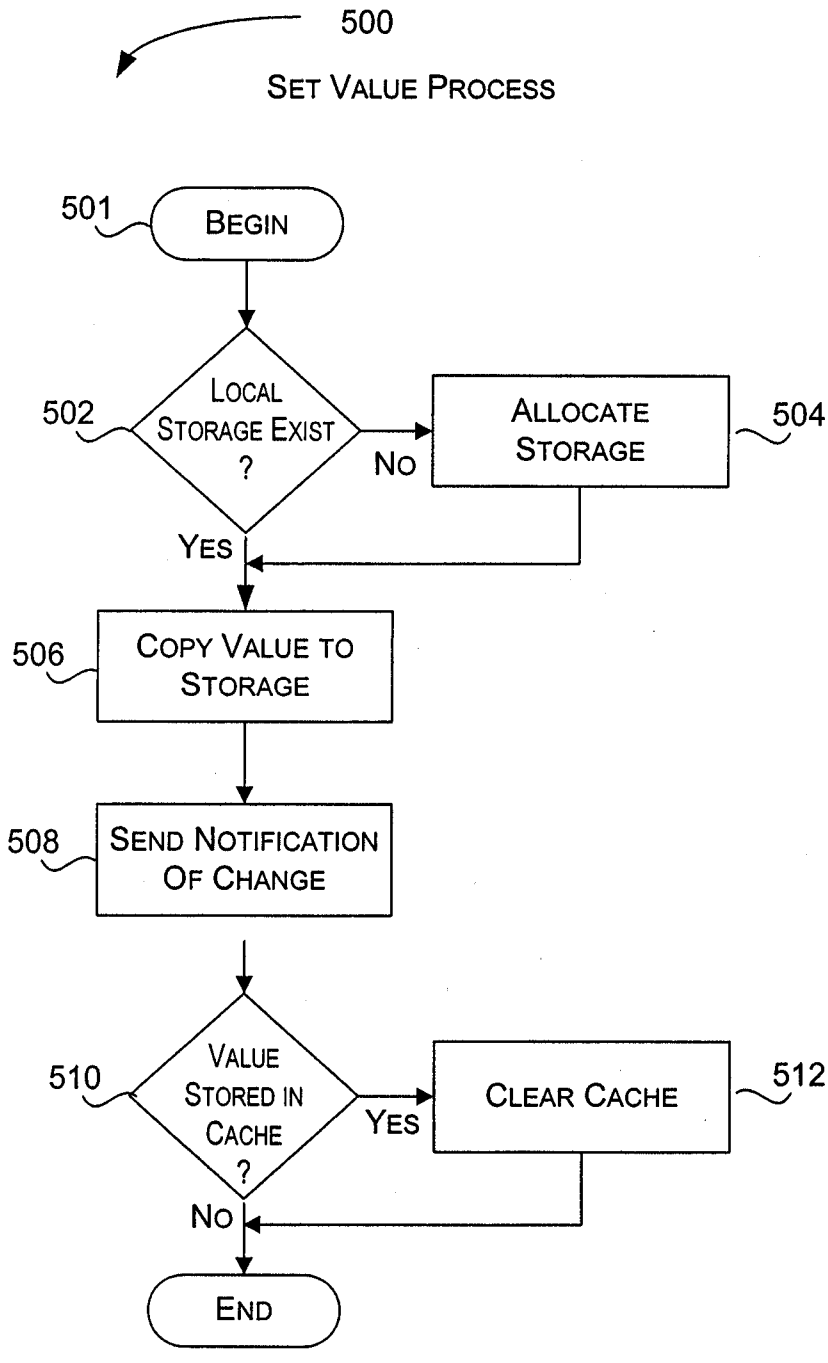

500
SET VALUE PROCESS
501
BEGIN
502
LOCAL STORAGE EXIST ?
NO
ALLOCATE STORAGE
504
YES
506
COPY VALUE TO STORAGE
508
SEND NOTIFICATION OF CHANGE
510
VALUE STORED IN CACHE ?
YES
CLEAR CACHE
512
NO
END

Fig. 5

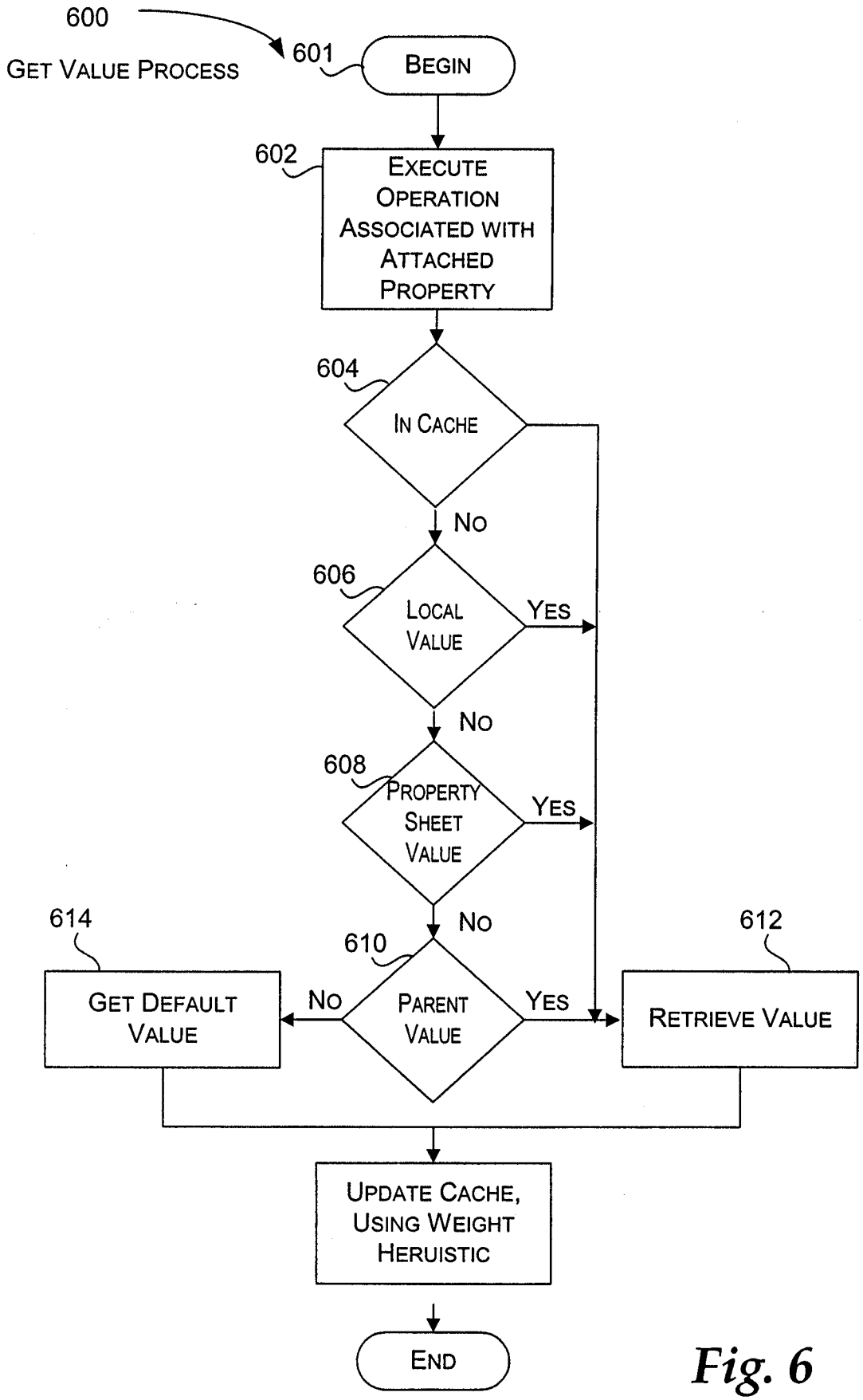

600
GET VALUE PROCESS
601
BEGIN
602
EXECUTE OPERATION ASSOCIATED WITH ATTACHED PROPERTY
604
IN CACHE
NO
606
LOCAL VALUE
YES
NO
608
PROPERTY SHEET VALUE
YES
NO
614
610
612
GET DEFAULT VALUE
NO
PARENT VALUE
YES
RETRIEVE VALUE
UPDATE CACHE, USING WEIGHT HERUISTIC
END

Fig. 6