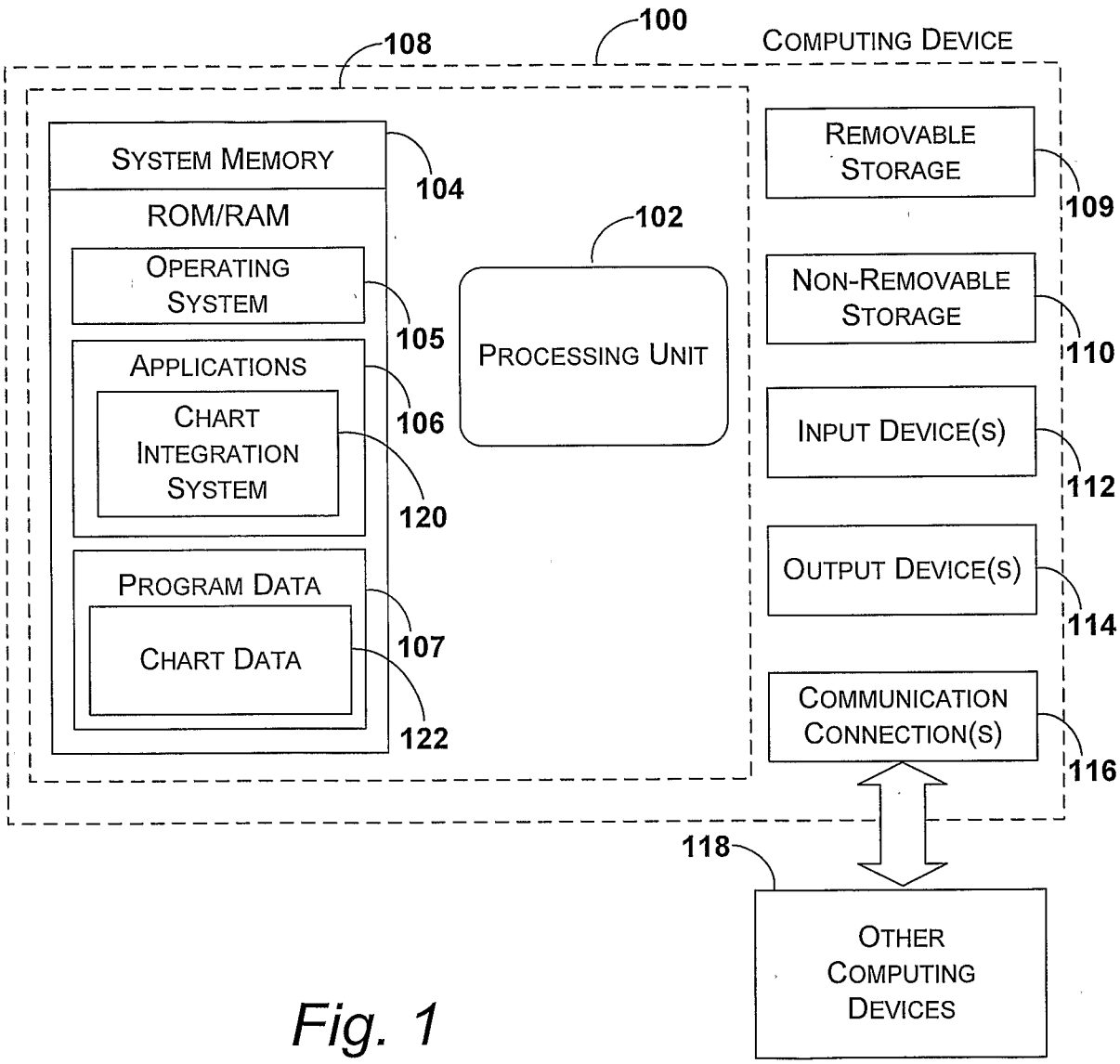

100
COMPUTING DEVICE
108
SYSTEM MEMORY
104
ROM/RAM
OPERATING SYSTEM
105
APPLICATIONS
106
CHART INTEGRATION SYSTEM
120
PROGRAM DATA
107
CHART DATA
122
102
PROCESSING UNIT
REMOVABLE STORAGE
109
NON-REMOVABLE STORAGE
110
INPUT DEVICE(S)
112
OUTPUT DEVICE(S)
114
COMMUNICATION CONNECTION(S)
116
118
OTHER COMPUTING DEVICES

Fig. 1

Fig. 2 (prior art)

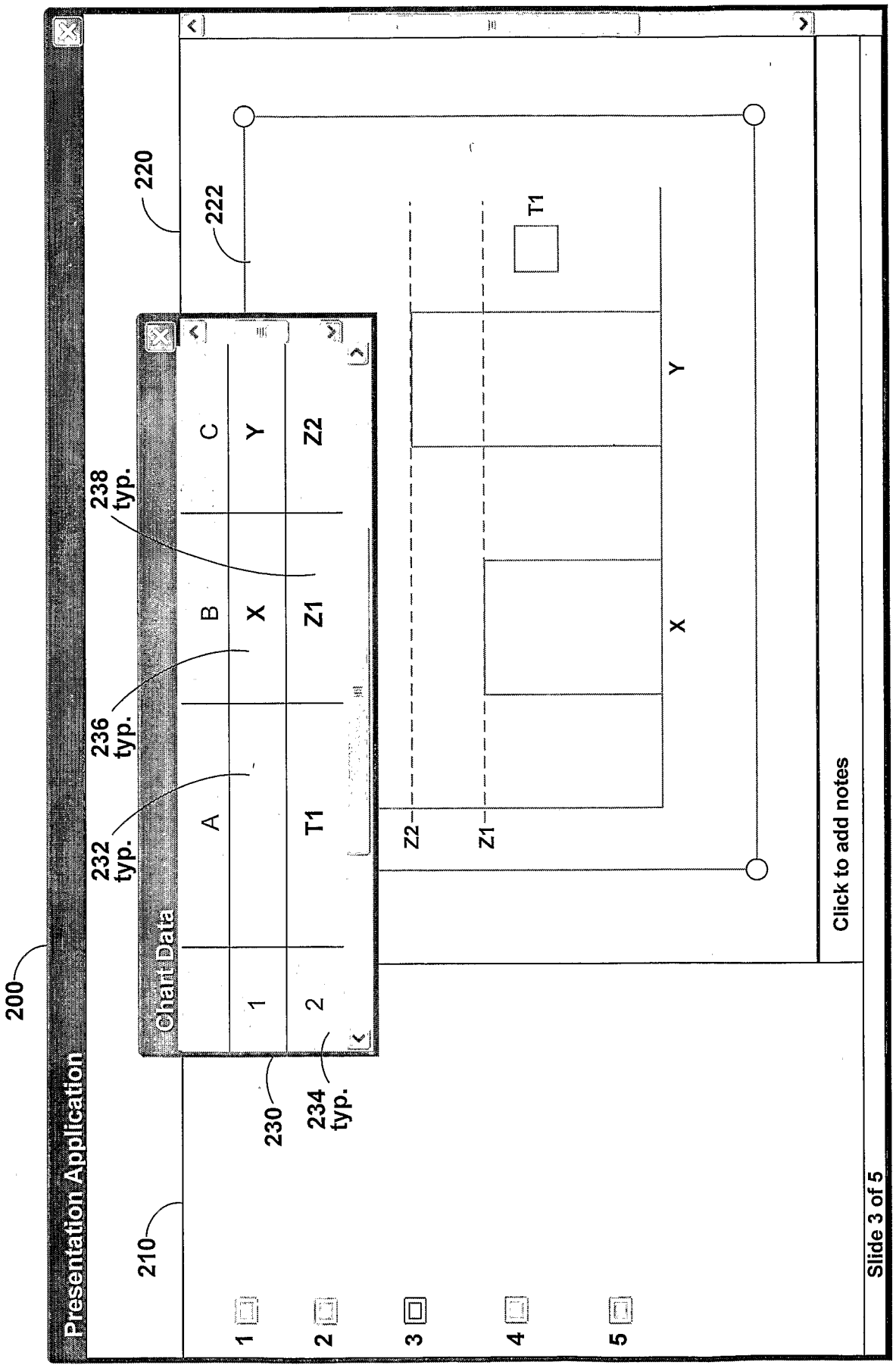
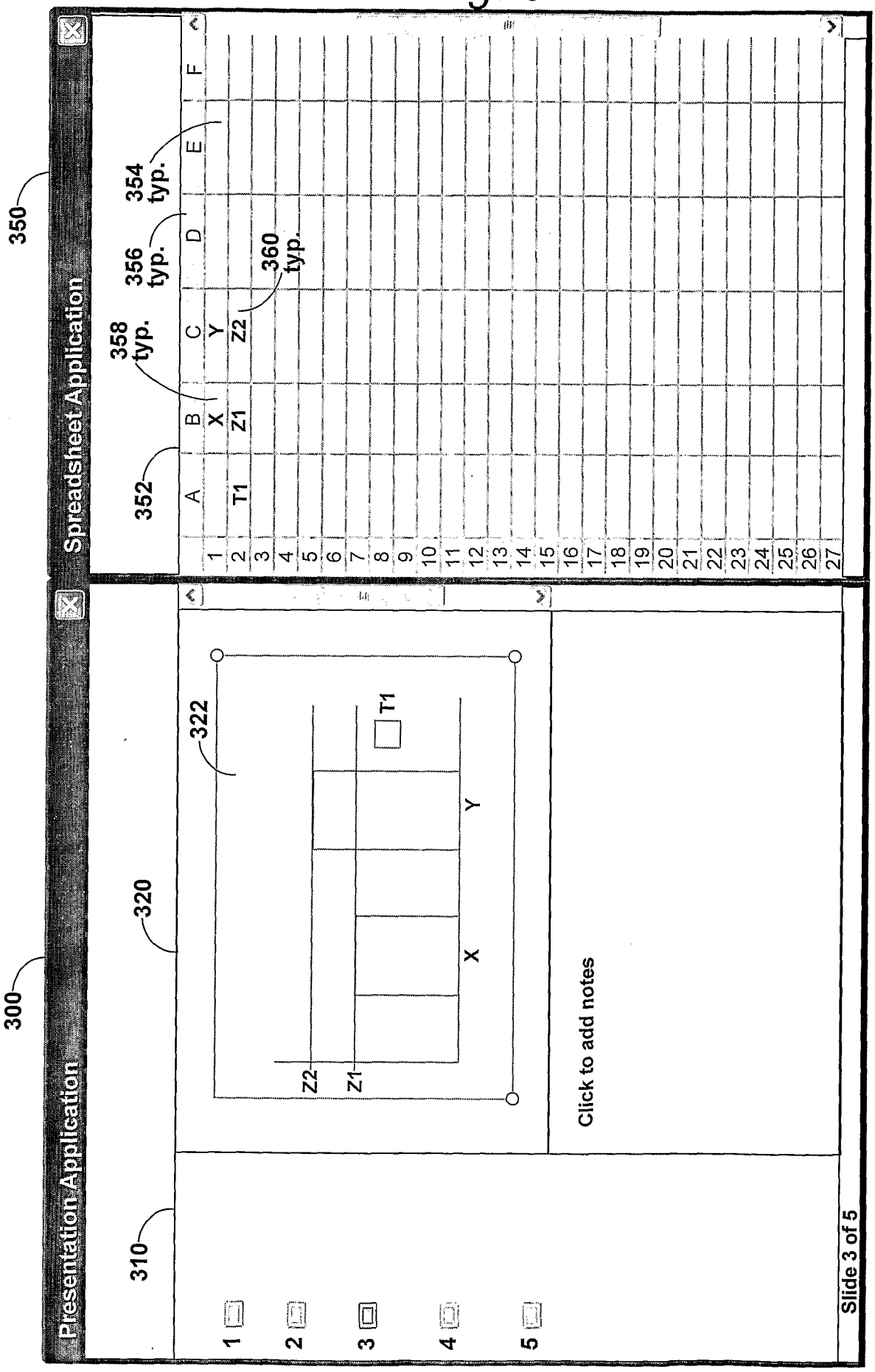


Fig. 3


300
Presentation Application
310
320
322
350
Spreadsheet Application
352
354 typ.
356 typ.
358 typ.
360 typ.
A
B
C
D
E
F
X
Y
T1
Z1
Z2
Click to add notes
Slide 3 of 5
1
2
3
4
5

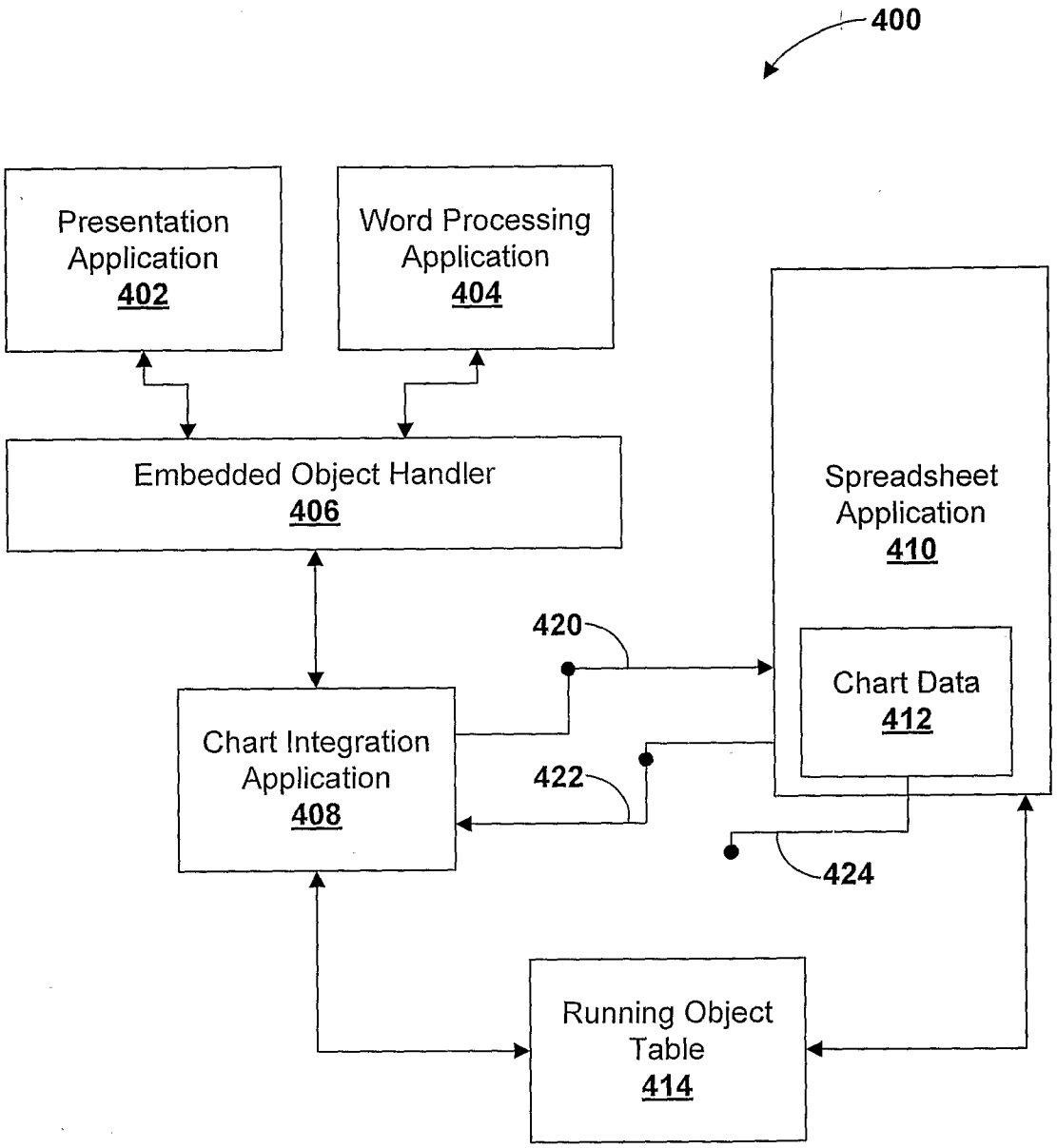

400
Presentation Application 402
Word Processing Application 404
Embedded Object Handler 406
Spreadsheet Application 410
420
Chart Data 412
Chart Integration Application 408
422
424
Running Object Table 414

Fig. 4

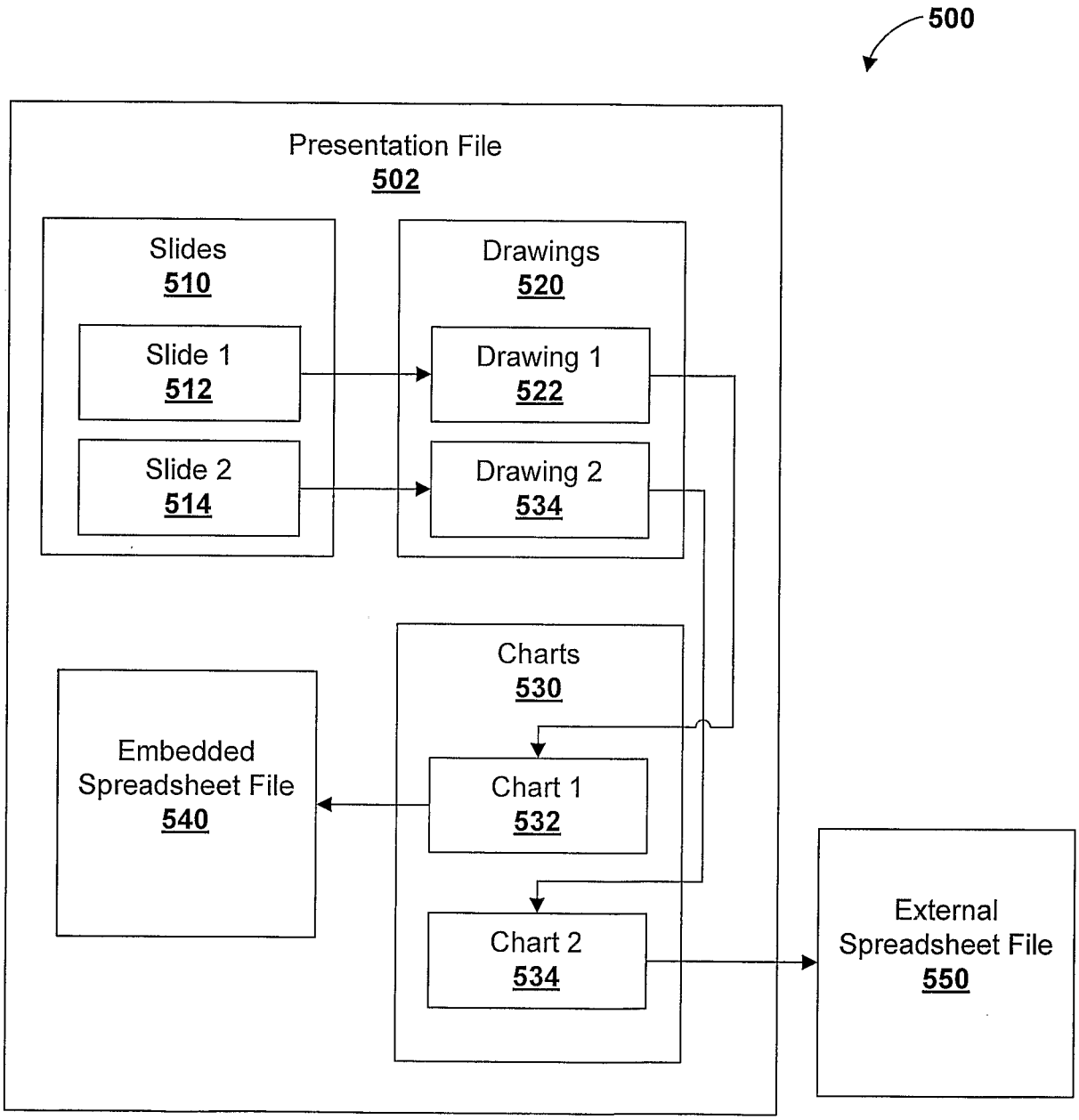
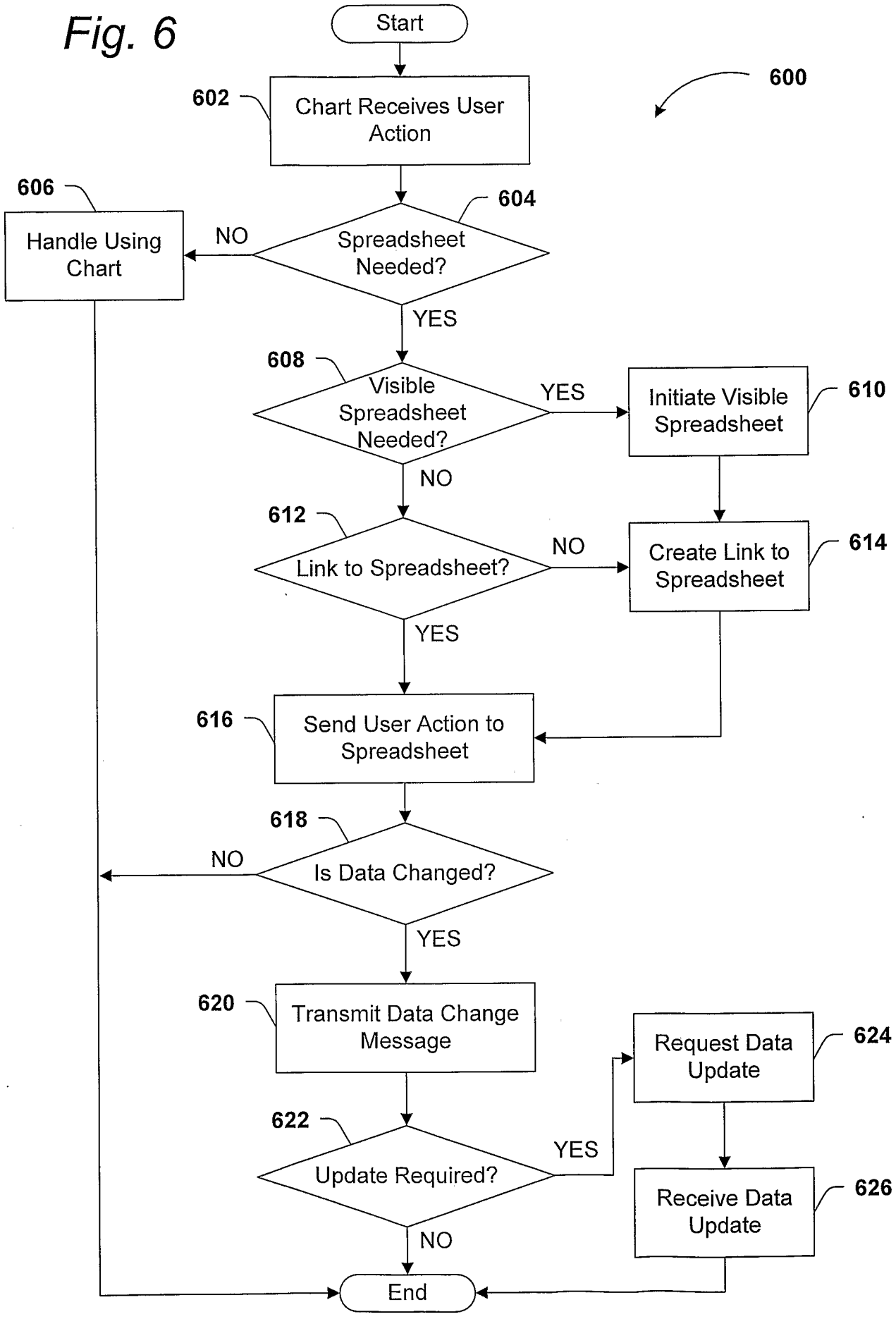

500
Presentation File
502
Slides
510
Slide 1
512
Slide 2
514
Drawings
520
Drawing 1
522
Drawing 2
534
Charts
530
Chart 1
532
Chart 2
534
Embedded
Spreadsheet File
540
External
Spreadsheet File
550

Fig. 5

Fig. 6


Start
600
602
Chart Receives User Action
606
Handle Using Chart
NO
604
Spreadsheet Needed?
YES
608
Visible Spreadsheet Needed?
YES
Initiate Visible Spreadsheet
610
NO
612
Link to Spreadsheet?
NO
Create Link to Spreadsheet
614
YES
616
Send User Action to Spreadsheet
618
NO
Is Data Changed?
YES
620
Transmit Data Change Message
622
Update Required?
YES
Request Data Update
624
Receive Data Update
626
NO
End