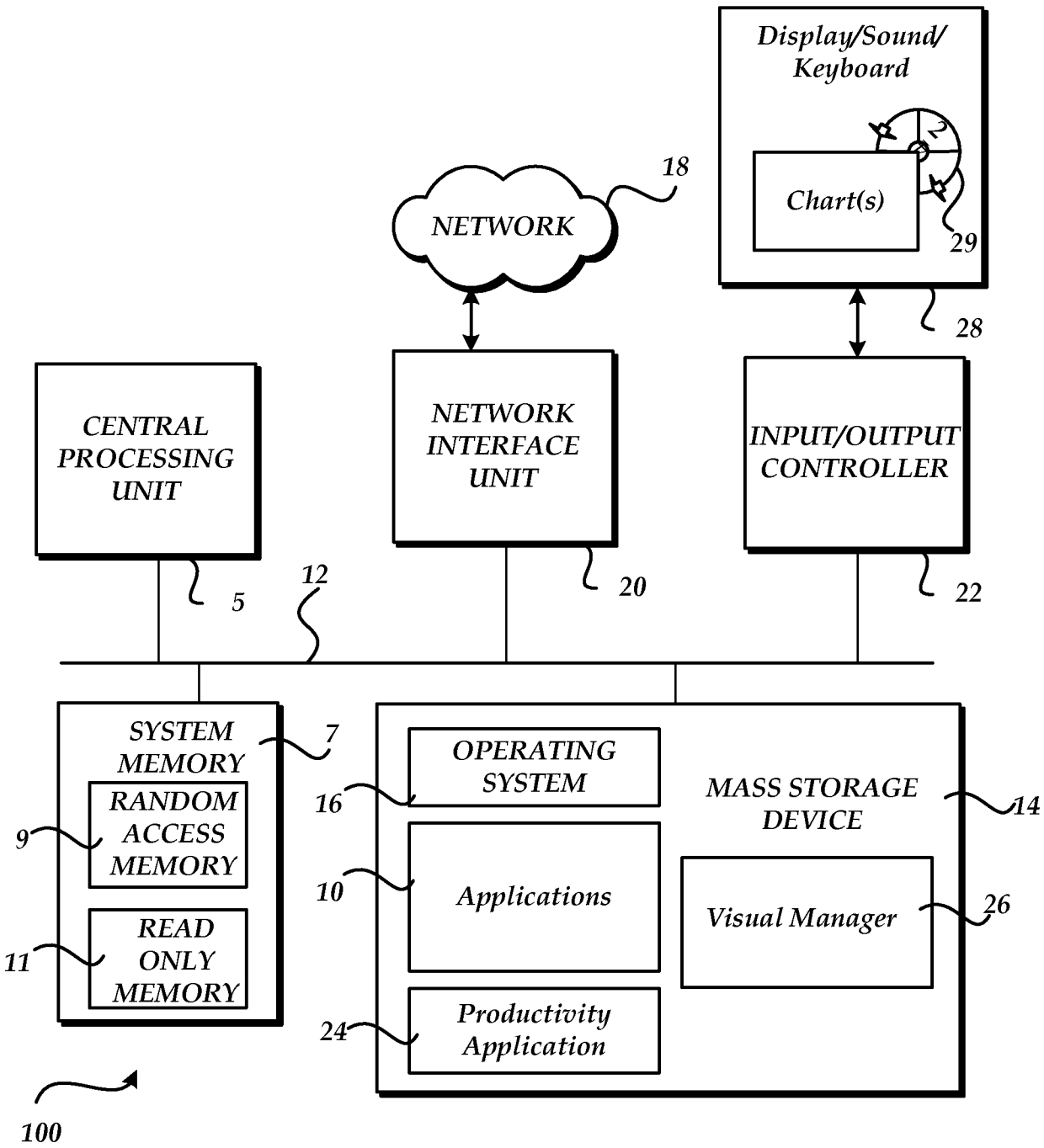

Display/Sound/
Keyboard
Chart(s)
29
18
NETWORK
28
CENTRAL
PROCESSING
UNIT
NETWORK
INTERFACE
UNIT
INPUT/OUTPUT
CONTROLLER
5
12
20
22
SYSTEM
MEMORY
7
RANDOM
ACCESS
MEMORY
9
READ
ONLY
MEMORY
11
OPERATING
SYSTEM
16
MASS STORAGE
DEVICE
14
Applications
10
Visual Manager
26
Productivity
Application
24
100

Fig.1.

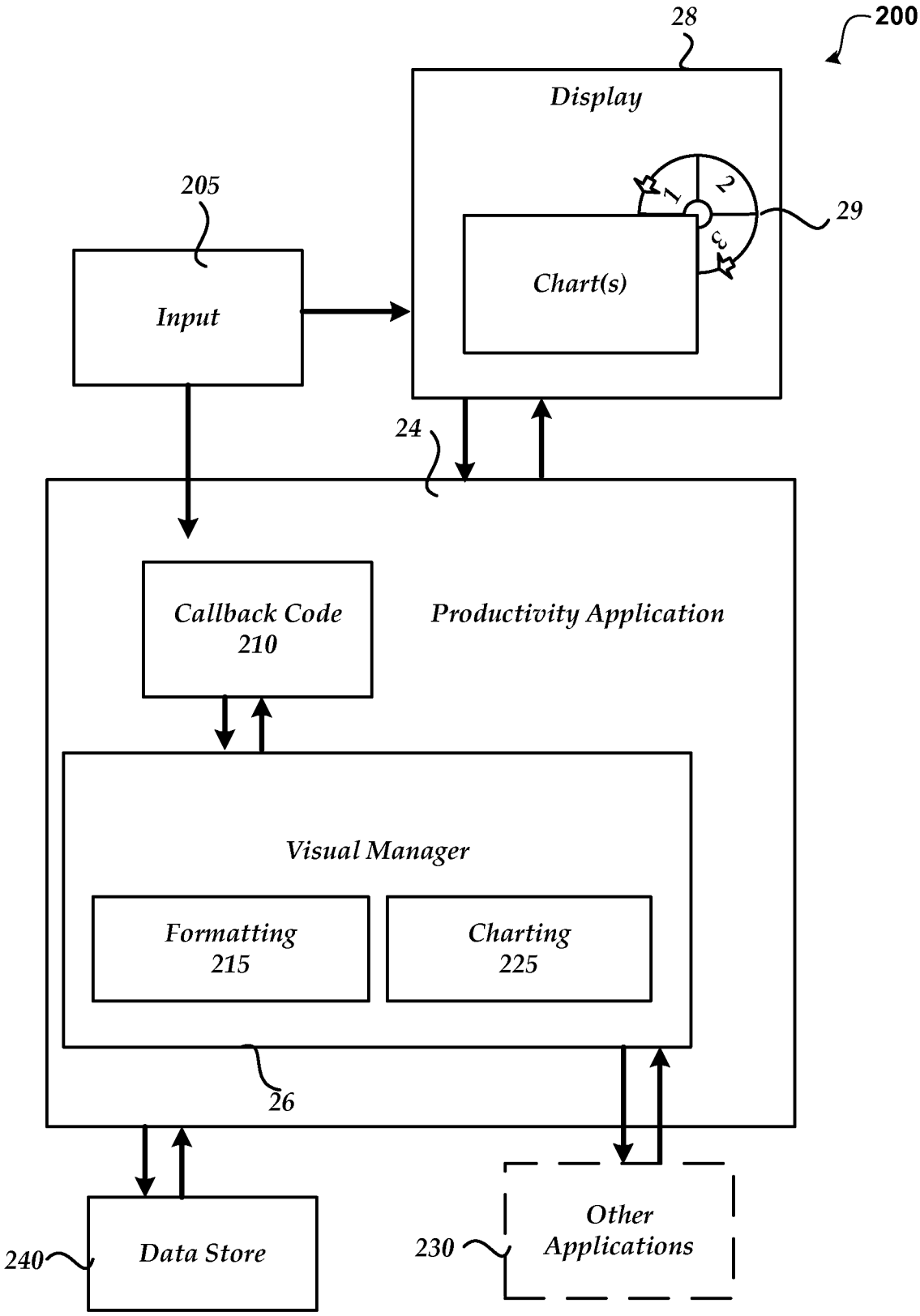

200
28
Display
205
Input
Chart(s)
29
24
Callback Code
210
Productivity Application
Visual Manager
Formatting
215
Charting
225
26
240
Data Store
230
Other
Applications

Fig. 2

310
315
A
B
C
D
E
F
G
H
I
J
K
L
M
1 Department January February March April May June July August September October November December
2 Women $ 7,395 $ 8,744 $ 5,235 $ 8,584 $ 7,071 $ 5,647 $ 8,369 $ 7,562 $ 7,417 $ 6,868 $ 4,824 $ 6,693
3 Men $ 6,700 $ 6,342 $ 5,134 $ 7,938 $ 7,027 $ 4,079 $ 4,846 $ 8,358 $ 5,729 $ 5,481 $ 9,179 $ 8,332
4 Baby $ 9,368 $ 6,904 $ 9,387 $ 5,491 $ 6,966 $ 7,867 $ 7,870 $ 9,932 $ 8,154 $ 8,697 $ 5,281 $ 5,523
5 Kids $ 8,554 $ 8,541 $ 7,450 $ 6,894 $ 4,575 $ 8,094 $ 8,526 $ 5,413 $ 7,558 $ 4,359 $ 6,528 $ 9,200
6 Shoes $ 9,772 $ 6,426 $ 5,607 $ 8,948 $ 4,037 $ 8,096 $ 7,871 $ 6,402 $ 6,111 $ 9,424 $ 8,559 $ 8,824
7 Home $ 8,051 $ 8,229 $ 4,612 $ 7,724 $ 9,114 $ 6,617 $ 4,995 $ 8,248 $ 7,008 $ 6,040 $ 7,209 $ 9,644
8 Bed & Bath $ 8,527 $ 9,328 $ 8,547 $ 7,503 $ 5,435 $ 6,696 $ 4,439 $ 6,722 $ 7,852 $ 4,605 $ 6,788 $ 5,281
9 Patio & Garden $ 5,290 $ 9,566 $ 8,484 $ 7,383 $ 9,909 $ 7,281 $ 7,393 $ 6,245 $ 7,545 $ 7,325 $ 6,031 $ 7,339
10 Furniture $ 8,975 $ 7,447 $ 8,015 $ 8,754 $ 4,934 $ 9,359 $ 4,559 $ 9,039 $ 4,820 $ 4,283 $ 8,622 $ 8,984
11 Toys $ 6,395 $ 8,334 $ 9,927 $ 6,649 $ 9,798 $ 7,602 $ 9,546 $ 5,886 $ 8,806 $ 4,641 $ 4,365 $ 8,269
12 Electronics $ 9,368 $ 5,923 $ 7,837 $ 4,385 $ 5,528 $ 9,993 $ 5,967 $ 6,983 $ 9,039 $ 6,270 $ 9,083 $ 8,354

Fig. 3A

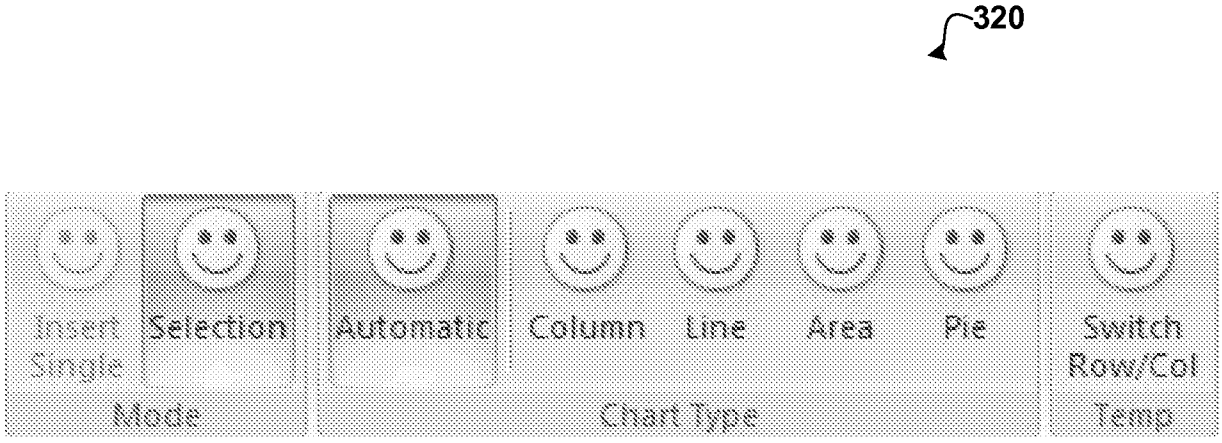

320
Insert Single
Selection
Mode
Automatic
Column
Line
Area
Pie
Chart Type
Switch Row/Col
Temp

Fig. 3B

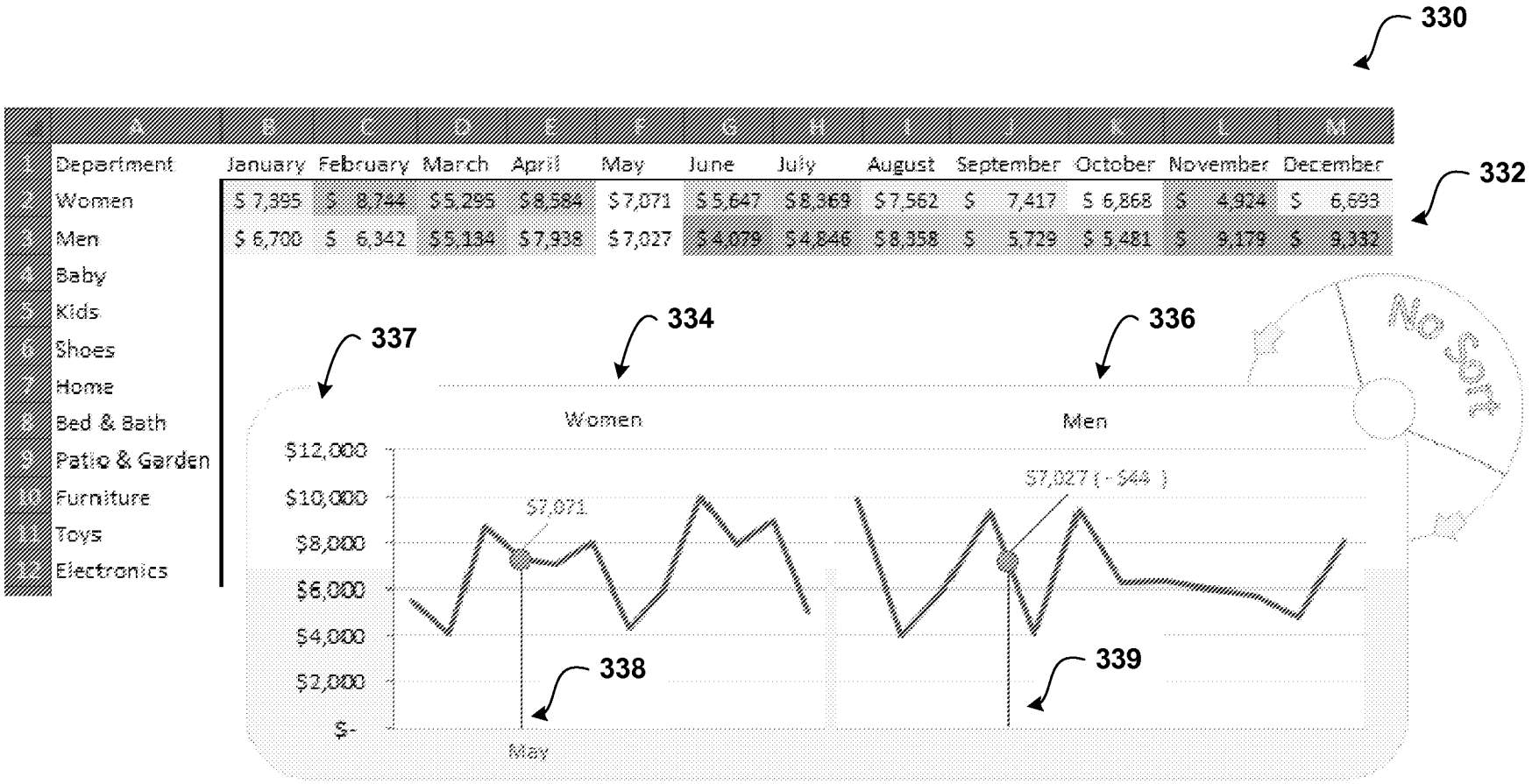

330
332
337
334
336
338
339
Department
January
February
March
April
May
June
July
August
September
October
November
December
Women
Men
Baby
Kids
Shoes
Home
Bed & Bath
Patio & Garden
Furniture
Toys
Electronics
$ 7,395
$ 8,744
$ 5,295
$ 8,584
$ 7,071
$ 5,647
$ 8,369
$ 7,562
$ 7,417
$ 6,868
$ 4,924
$ 6,693
$ 6,700
$ 6,342
$ 5,134
$ 7,938
$ 7,027
$ 4,079
$ 4,846
$ 8,358
$ 5,729
$ 5,481
$ 9,179
$ 9,332
Women
Men
$12,000
$10,000
$8,000
$6,000
$4,000
$2,000
$-
$7,071
$7,027 (-$44)
May
No Sort

Fig. 3C

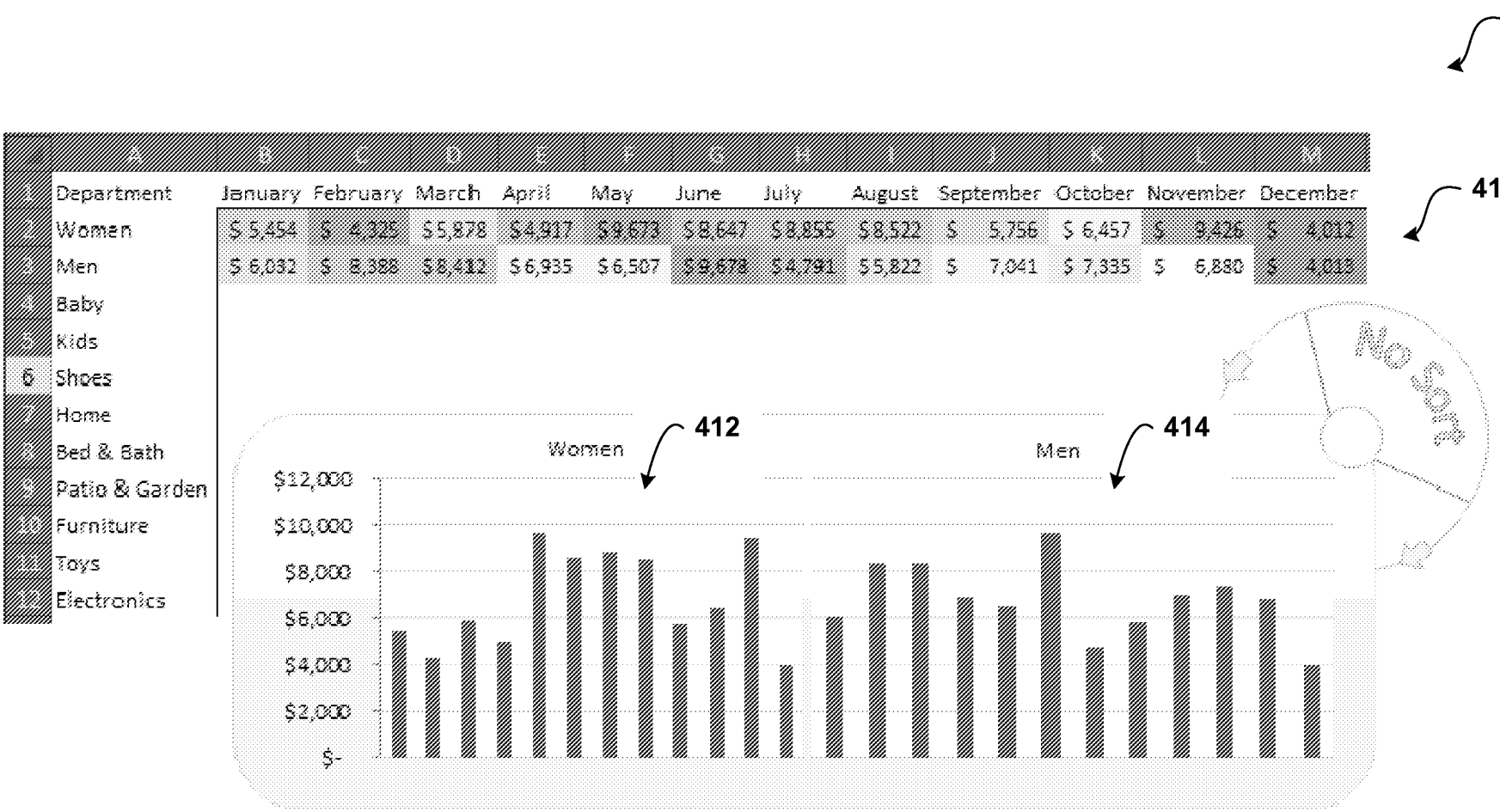
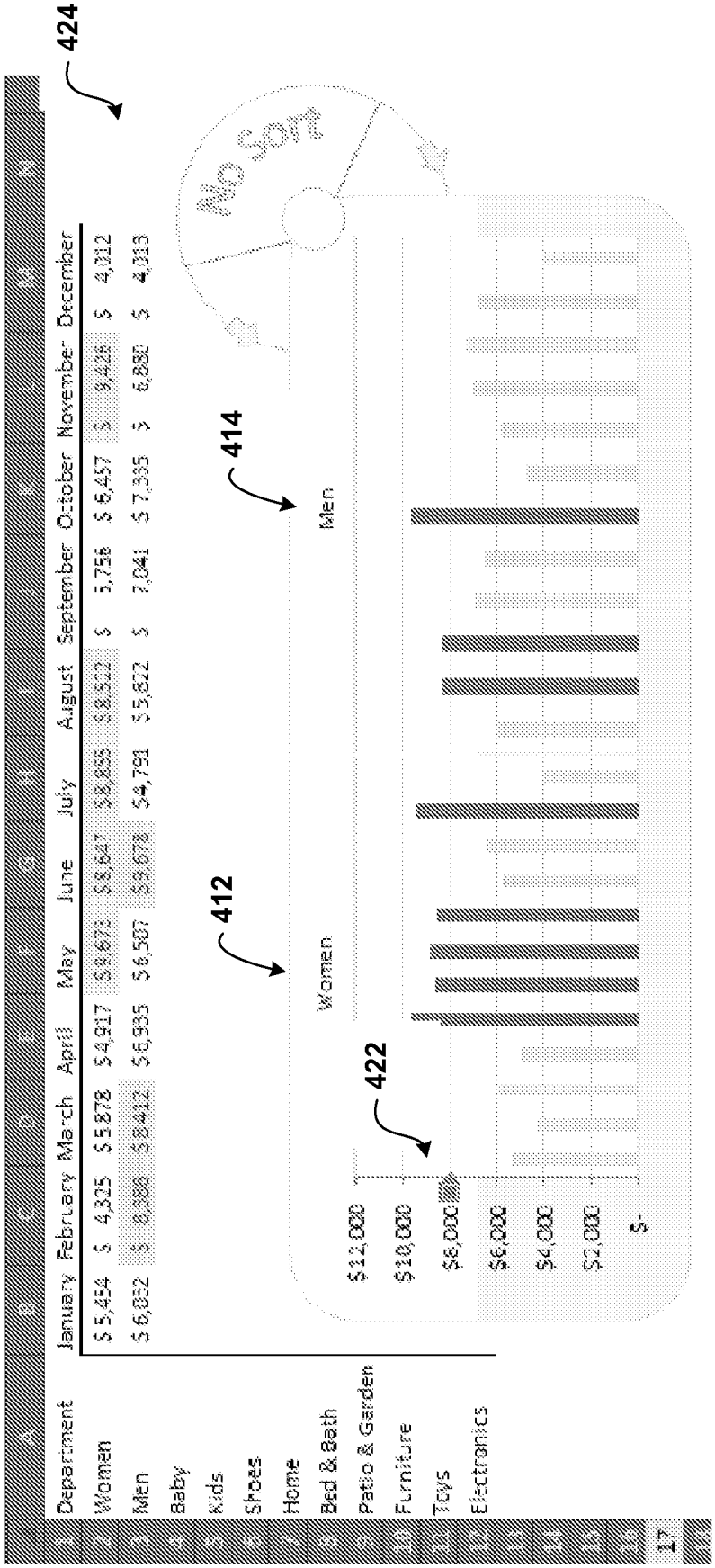

410
416
412
414
Department
January
February
March
April
May
June
July
August
September
October
November
December
Women
$ 5,454
$ 4,325
$5,878
$4,917
$9,673
$8,647
$8,855
$8,522
$ 5,756
$ 6,457
$ 3,426
$ 4,012
Men
$ 6,032
$ 8,388
$8,412
$6,935
$6,507
$9,678
$4,791
$5,822
$ 7,041
$ 7,335
$ 6,880
$ 4,015
Baby
Kids
Shoes
Home
Bed & Bath
Patio & Garden
Furniture
Toys
Electronics
Women
Men
$12,000
$10,000
$8,000
$6,000
$4,000
$2,000
$-
No Sort

Fig. 4A



Department	January	February	March	April	May	June	July	August	September	October	November	December
Women	$ 5,454	$ 4,325	$ 5,878	$ 4,917	$ 8,673	$ 8,647	$ 8,855	$ 8,522	$ 5,756	$ 6,457	$ 9,428	$ 4,212
Men	$ 6,032	$ 8,388	$ 8,412	$ 6,935	$ 6,507	$ 9,678	$ 4,791	$ 5,622	$ 7,041	$ 7,335	$ 6,880	$ 4,313
Baby												
Kids												
Shoes												
Home												
Bed & Bath												
Patio & Garden												
Furniture												
Toys												
Electronics												

Fig. 4B

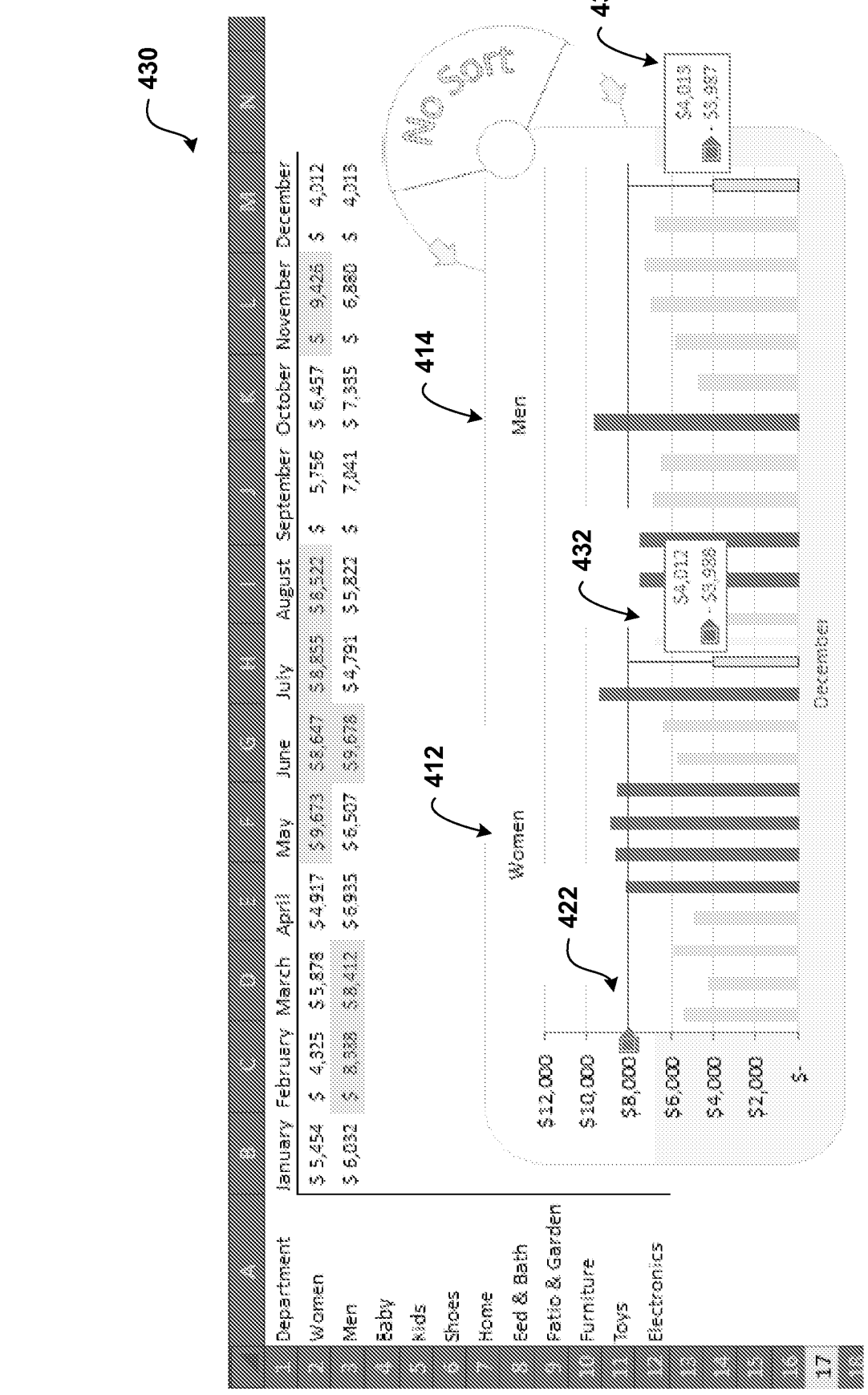

430
Department
Women
Men
Baby
Kids
Shoes
Home
Bed & Bath
Patio & Garden
Furniture
Toys
Electronics
January February March April May June July August September October November December
$ 5,454 $ 4,325 $ 5,878 $ 4,917 $ 9,673 $ 8,647 $ 8,855 $ 8,522 $ 5,756 $ 6,457 $ 9,426 $ 4,012
$ 6,032 $ 8,338 $ 8,412 $ 6,935 $ 6,507 $ 9,678 $ 4,791 $ 5,822 $ 7,841 $ 7,335 $ 6,880 $ 4,013
412
Women
414
Men
No Sort
434
422
432
$12,000
$10,000
$8,000
$6,000
$4,000
$2,000
$-
$4,013
- $3,987
December

Fig. 4C

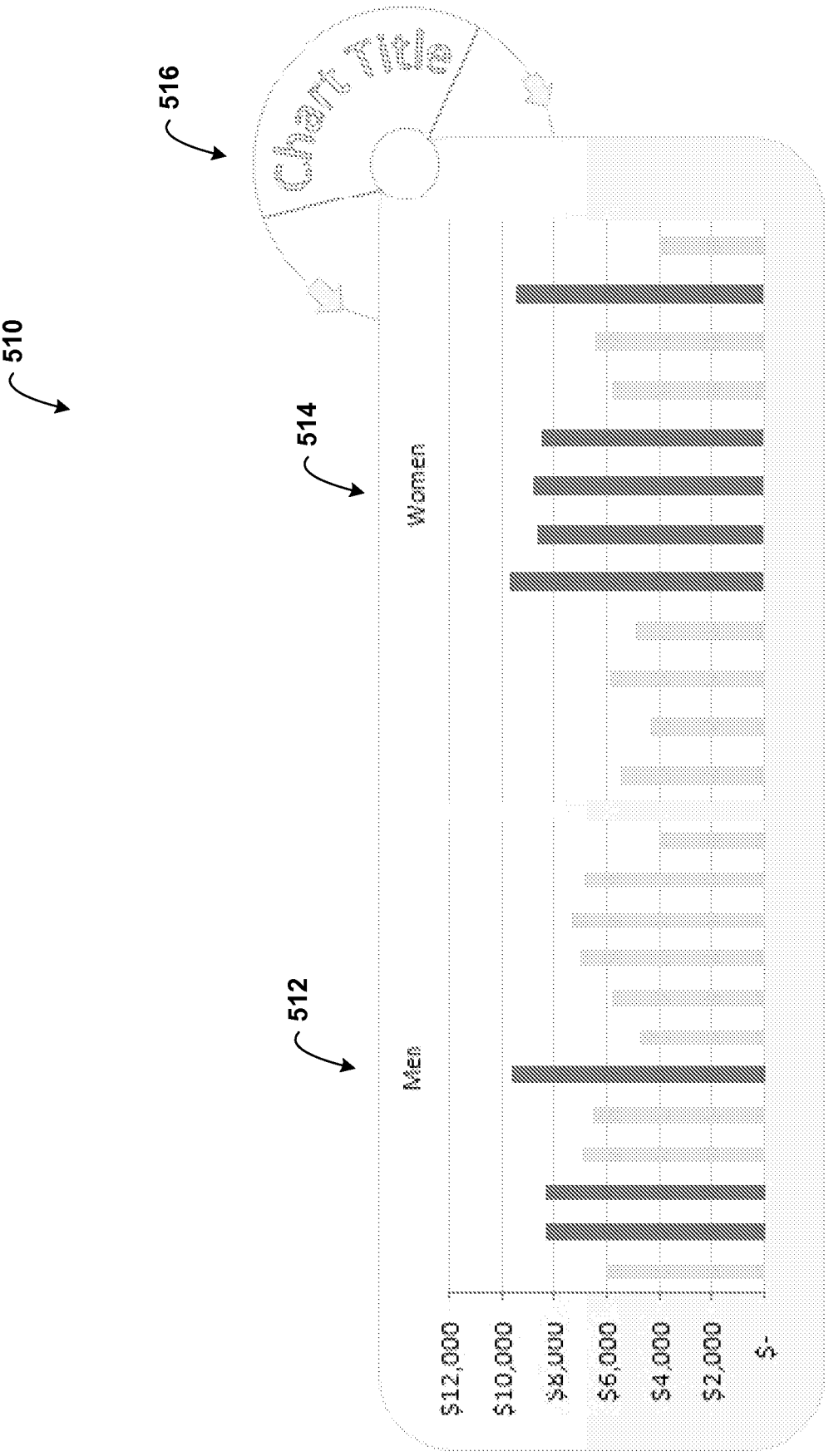

510
512
514
516
Chart Title
Men
Women
$12,000
$10,000
$8,000
$6,000
$4,000
$2,000
$-

Fig. 5

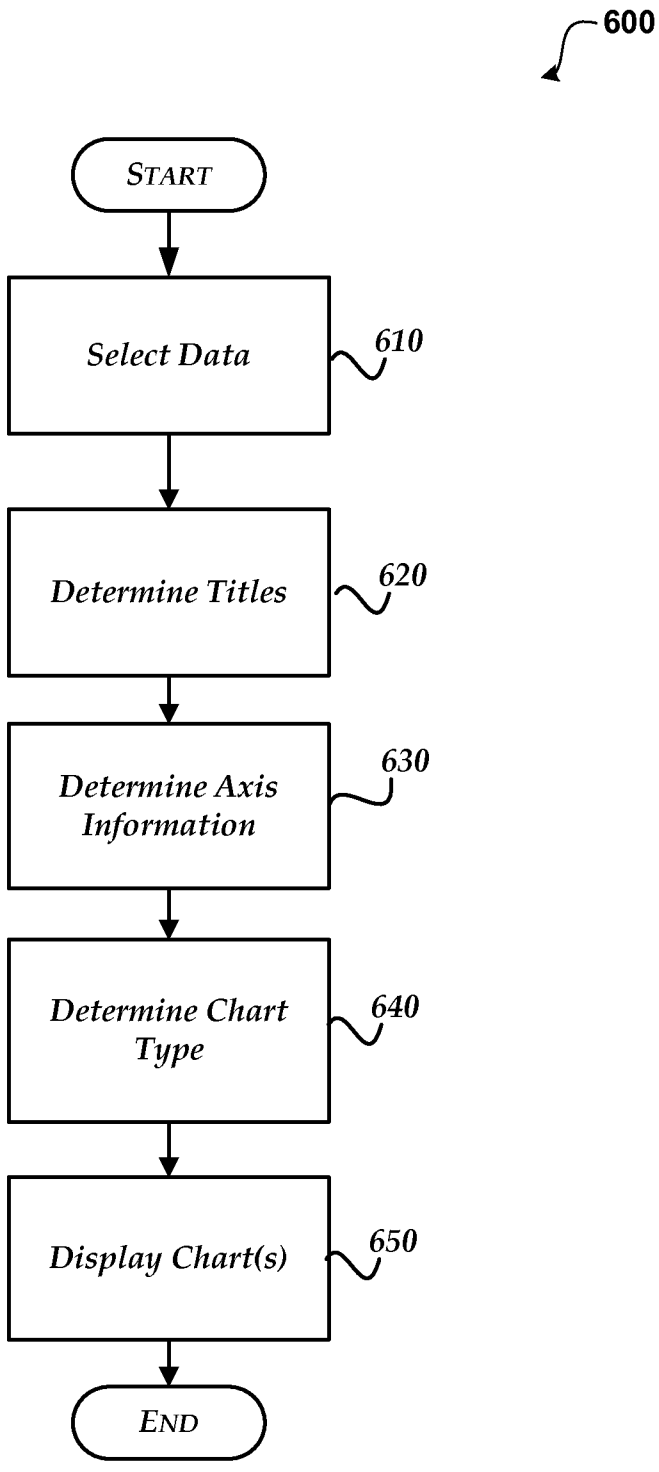

600
START
Select Data
610
Determine Titles
620
Determine Axis Information
630
Determine Chart Type
640
Display Chart(s)
650
END

Fig. 6

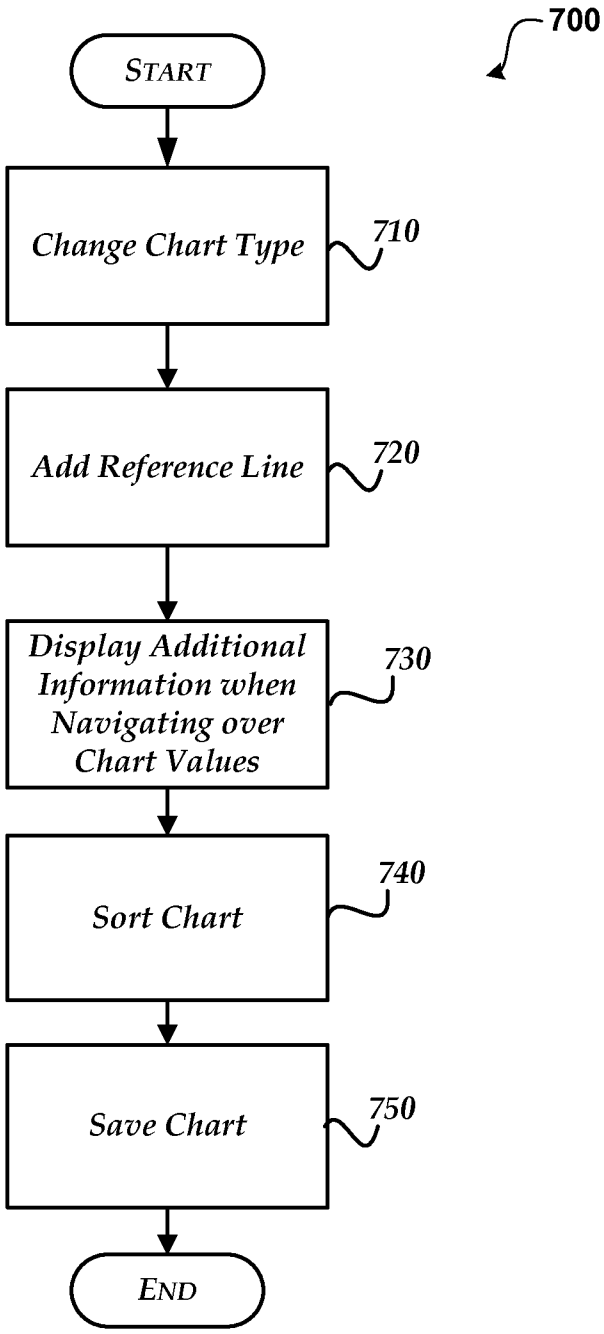

700
START
Change Chart Type
710
Add Reference Line
720
Display Additional Information when Navigating over Chart Values
730
Sort Chart
740
Save Chart
750
END

Fig. 7

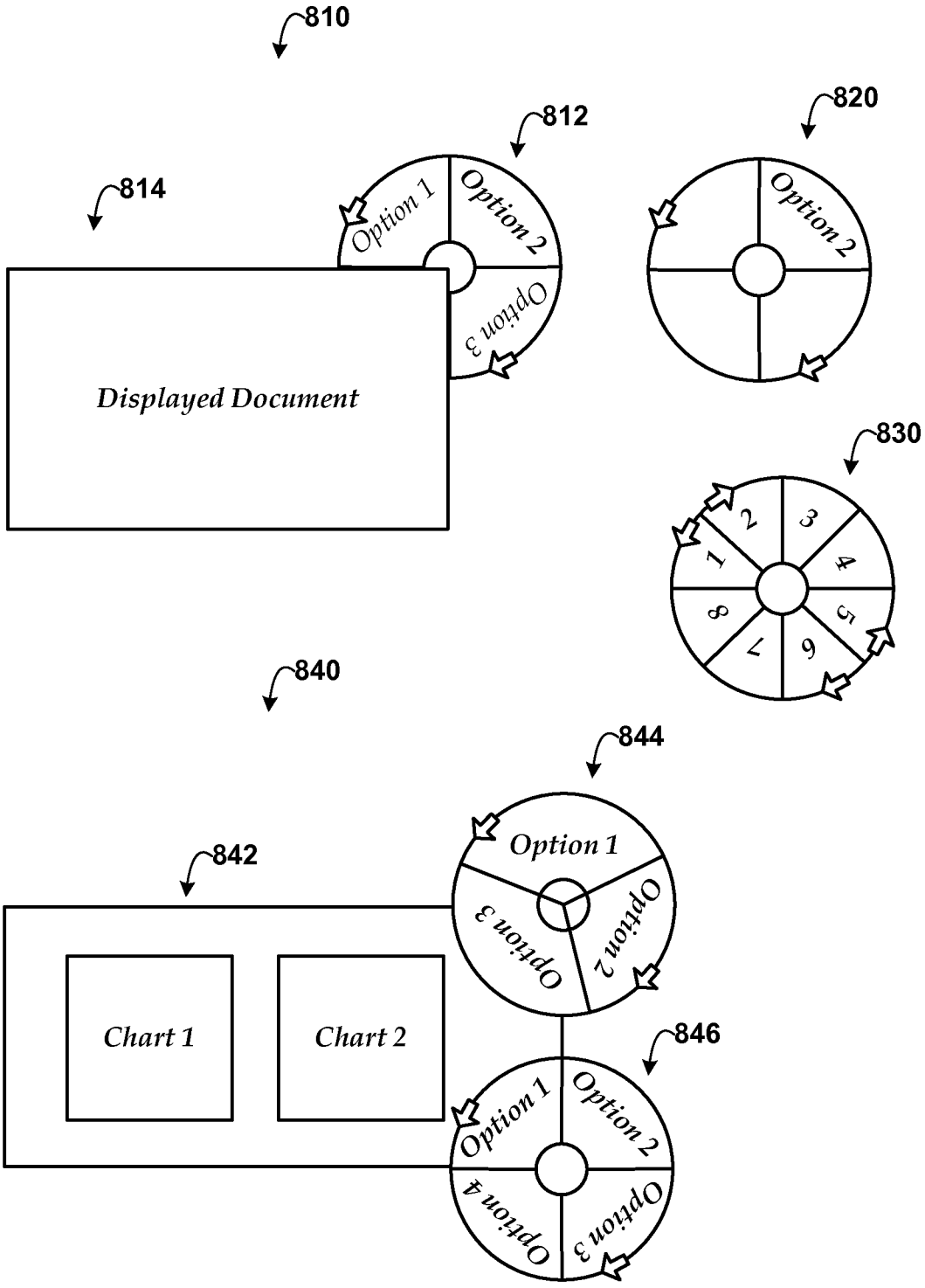

810
812
820
814
Option 1
Option 2
Option 3
Option 2
Displayed Document
830
1
2
3
4
5
6
7
8
9
840
844
842
Option 1
Option 2
Option 3
Chart 1
Chart 2
846
Option 1
Option 2
Option 3
Option 4

Fig. 8

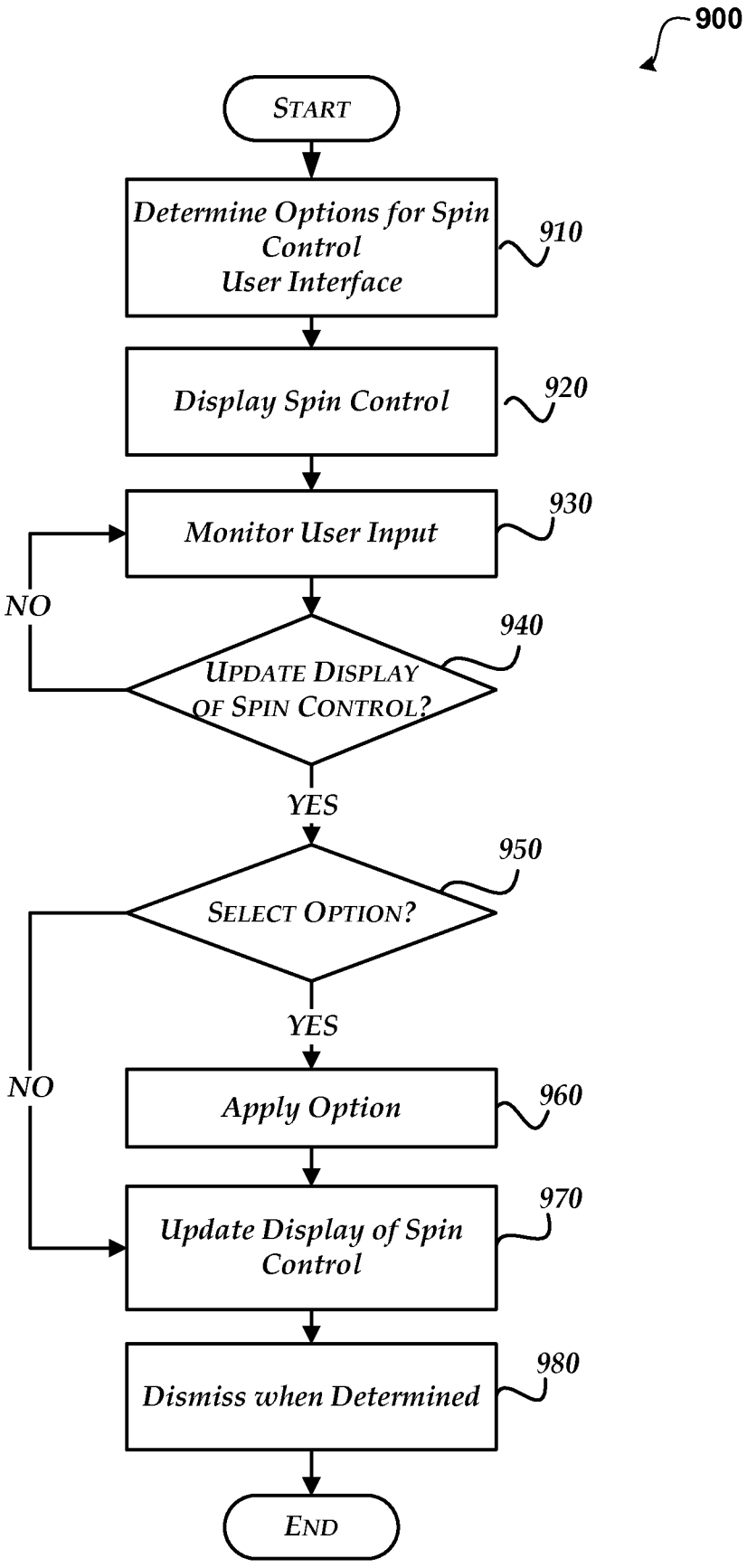

900
START
Determine Options for Spin Control User Interface
910
Display Spin Control
920
Monitor User Input
930
NO
UPDATE DISPLAY OF SPIN CONTROL?
940
YES
SELECT OPTION?
950
YES
NO
Apply Option
960
Update Display of Spin Control
970
Dismiss when Determined
980
END

Fig. 9