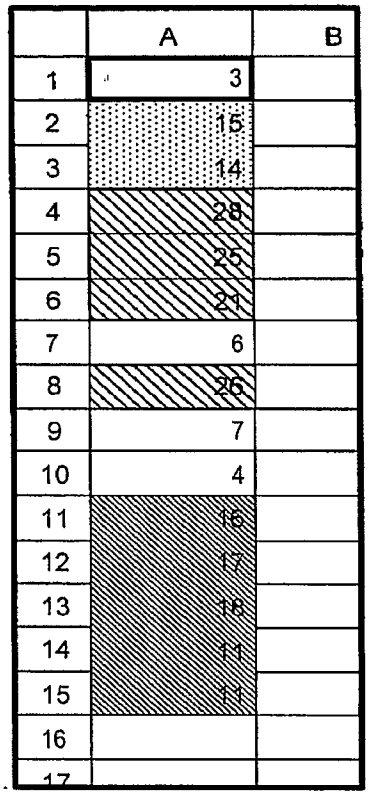


Fig.1.
PRIOR ART

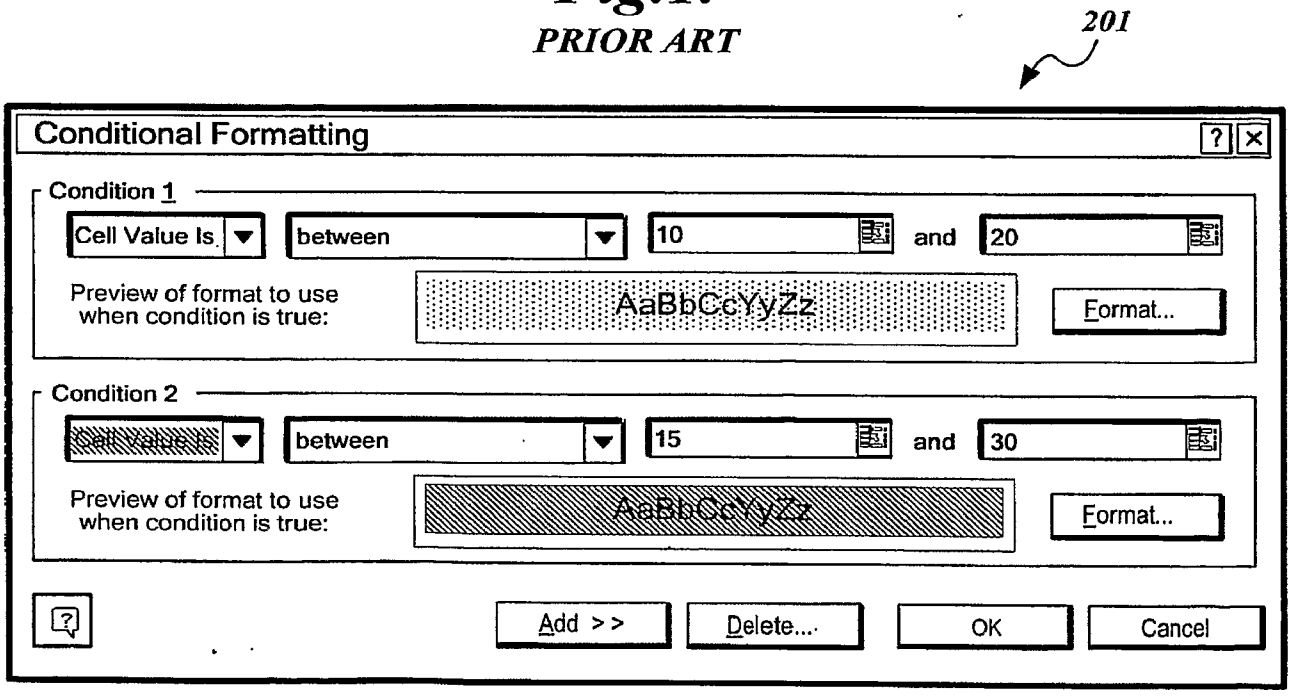


Fig.2.
PRIOR ART

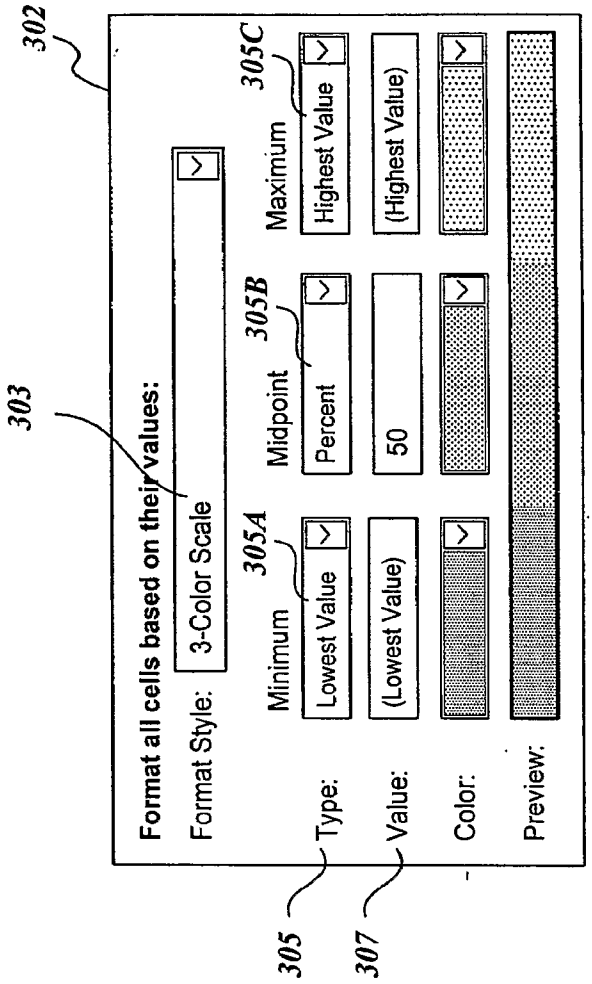

302
303
Format all cells based on their values:
Format Style:
3-Color Scale
Minimum
Midpoint
Maximum
305A
305B
305C
Type:
Lowest Value
Percent
Highest Value
Value:
(Lowest Value)
50
(Highest Value)
Color:
Preview:
305
307

Fig.3B.

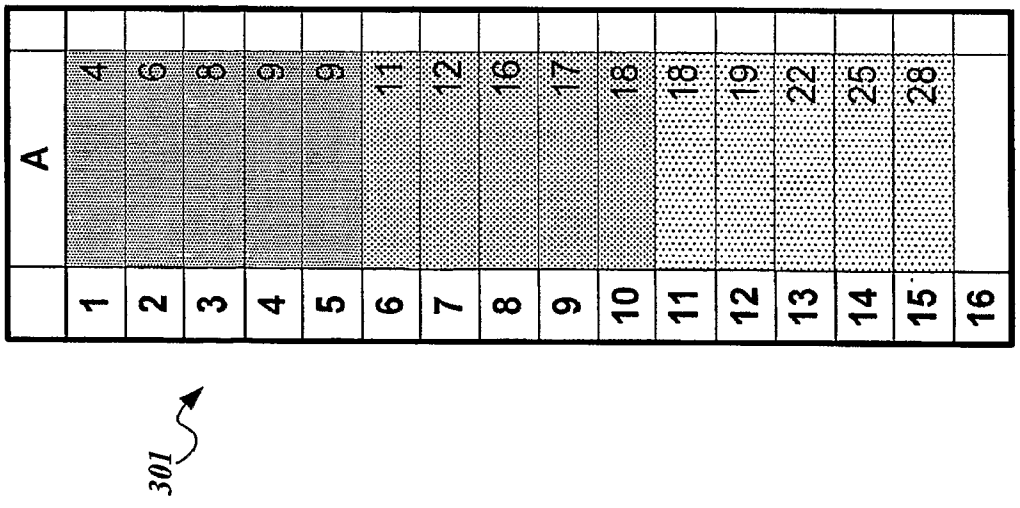

A
1 4
2 6
3 8
4 9
5 9
6 11
7 12
8 16
9 17
10 18
11 18
12 19
13 22
14 25
15 28
16
301

Fig.3A.

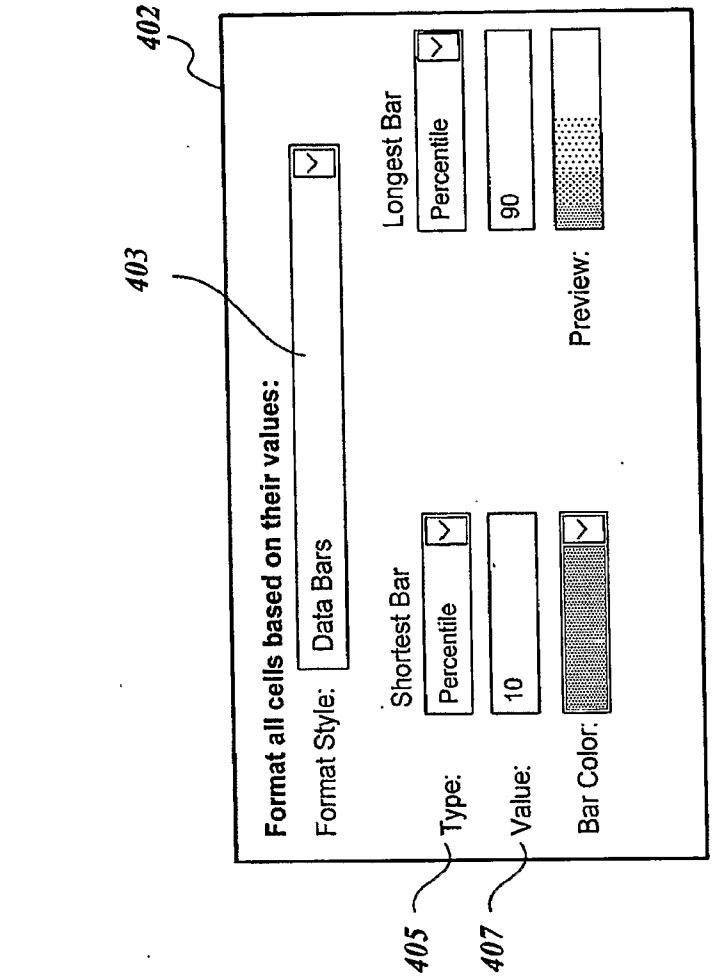

402
403
Format all cells based on their values:
Format Style:
Data Bars
Shortest Bar
Type:
Percentile
Value:
10
Bar Color:
Longest Bar
Percentile
90
Preview:
405
407

Fig.4B.

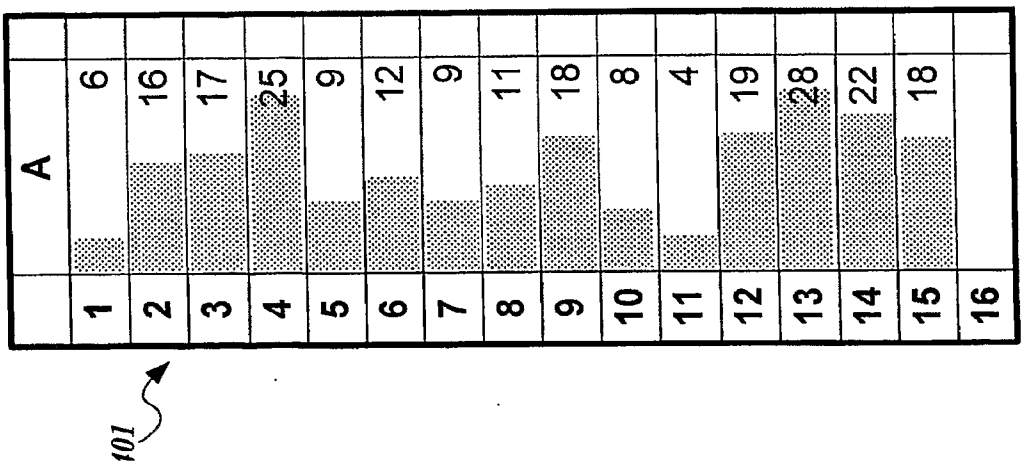

A
1 6
2 16
3 17
4 25
5 9
6 12
7 9
8 11
9 18
10 8
11 4
12 19
13 28
14 22
15 18
16
101

Fig.4A.

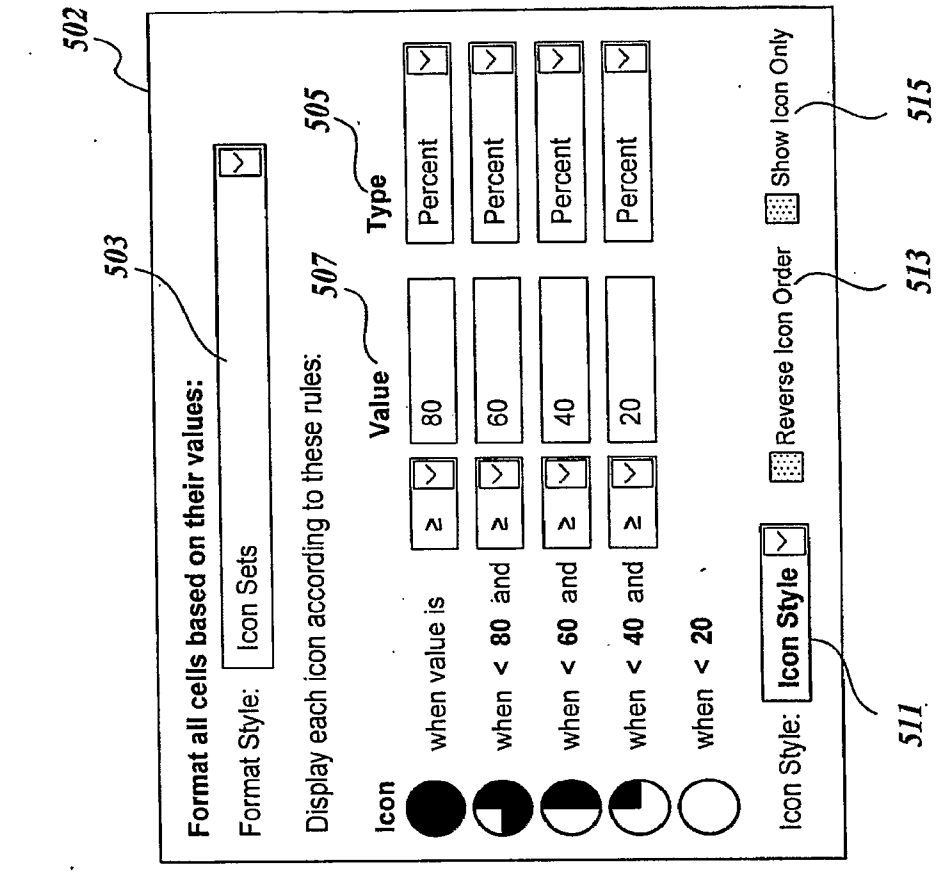

502
503
505
507
513
515
511
Format all cells based on their values:
Format Style:
Icon Sets
Display each icon according to these rules:
Icon
Value
Type
when value is
≥
80
Percent
when < 80 and
≥
60
Percent
when < 60 and
≥
40
Percent
when < 40 and
≥
20
Percent
when < 20
Icon Style:
Icon Style
Reverse Icon Order
Show Icon Only

Fig.5B.

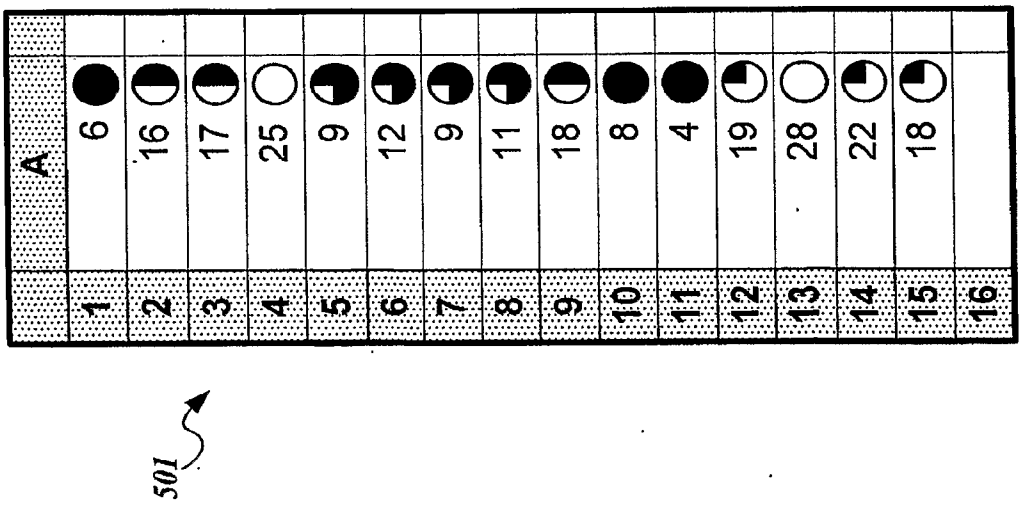

501
A
1 6
2 16
3 17
4 25
5 9
6 12
7 9
8 11
9 18
10 8
11 4
12 19
13 28
14 22
15 18
16

Fig.5A.

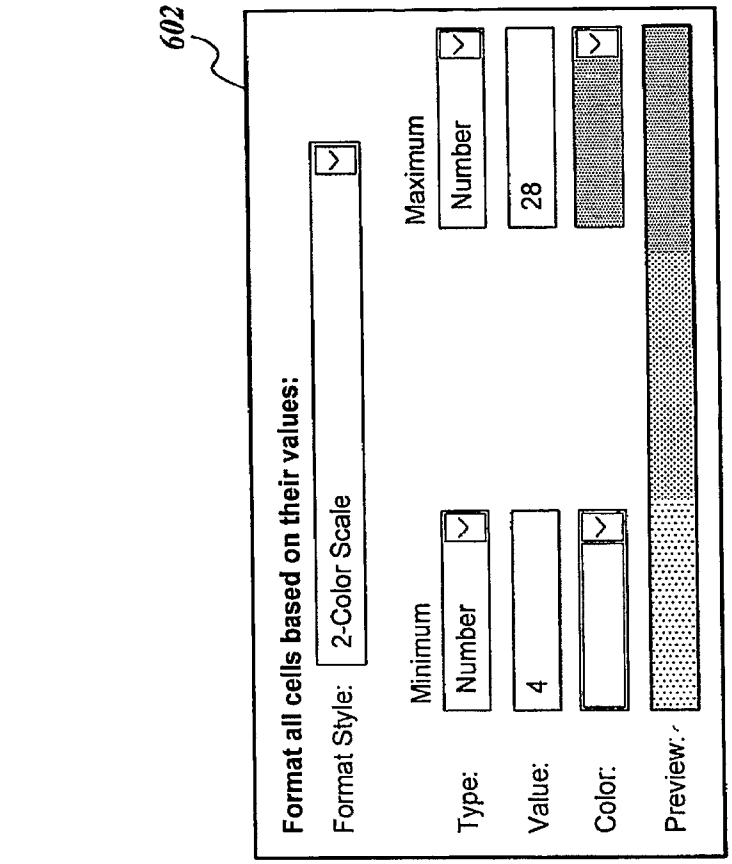

602
Format all cells based on their values:
Format Style:
2-Color Scale
Minimum
Maximum
Type:
Number
Number
Value:
4
28
Color:
Preview:

Fig.6B.

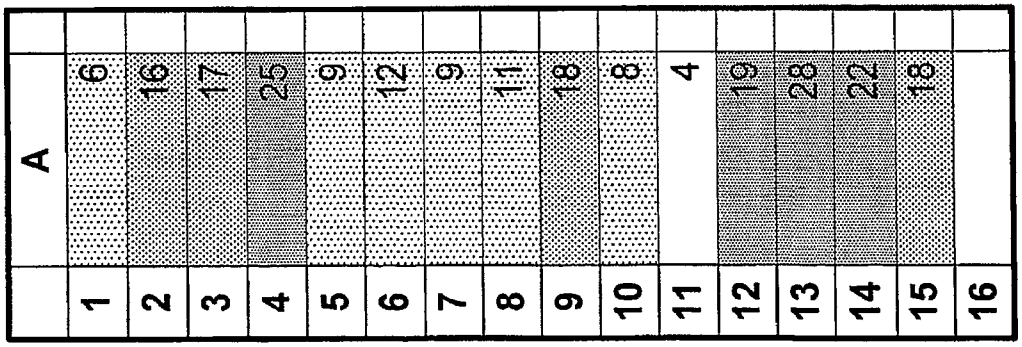

601
A
1 6
2 16
3 17
4 25
5 9
6 12
7 9
8 11
9 18
10 8
11 4
12 19
13 28
14 22
15 18
16

Fig.6A.

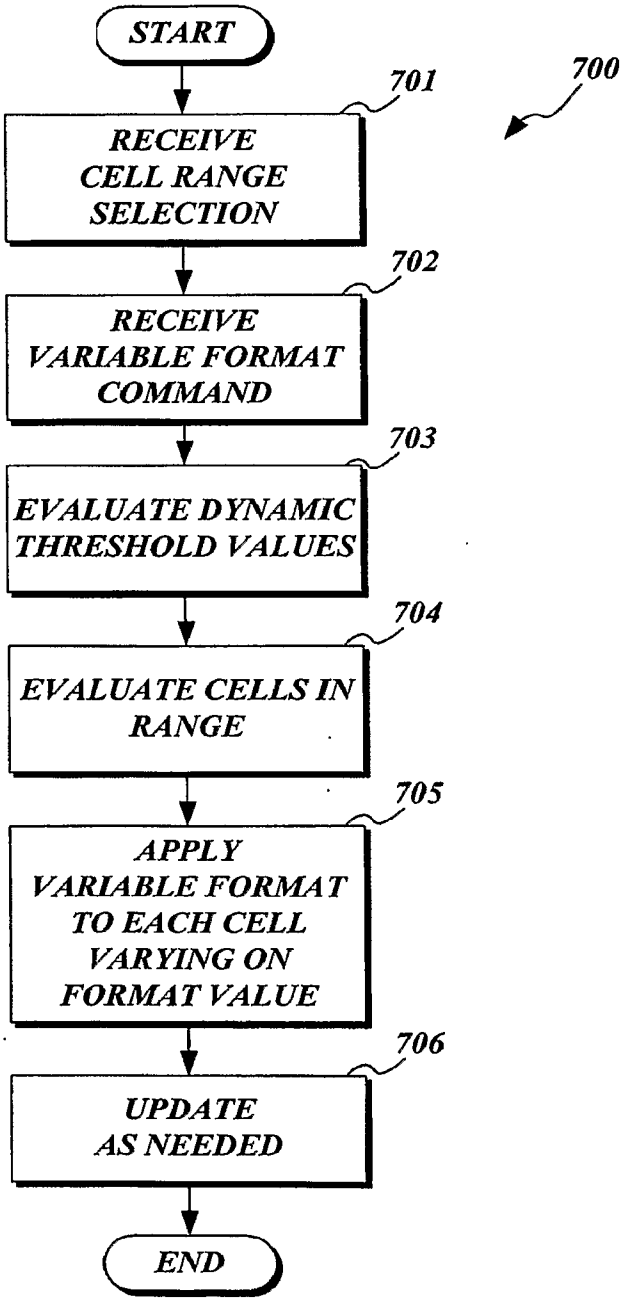

START
700
701
RECEIVE CELL RANGE SELECTION
702
RECEIVE VARIABLE FORMAT COMMAND
703
EVALUATE DYNAMIC THRESHOLD VALUES
704
EVALUATE CELLS IN RANGE
705
APPLY VARIABLE FORMAT TO EACH CELL VARYING ON FORMAT VALUE
706
UPDATE AS NEEDED
END

Fig. 7.

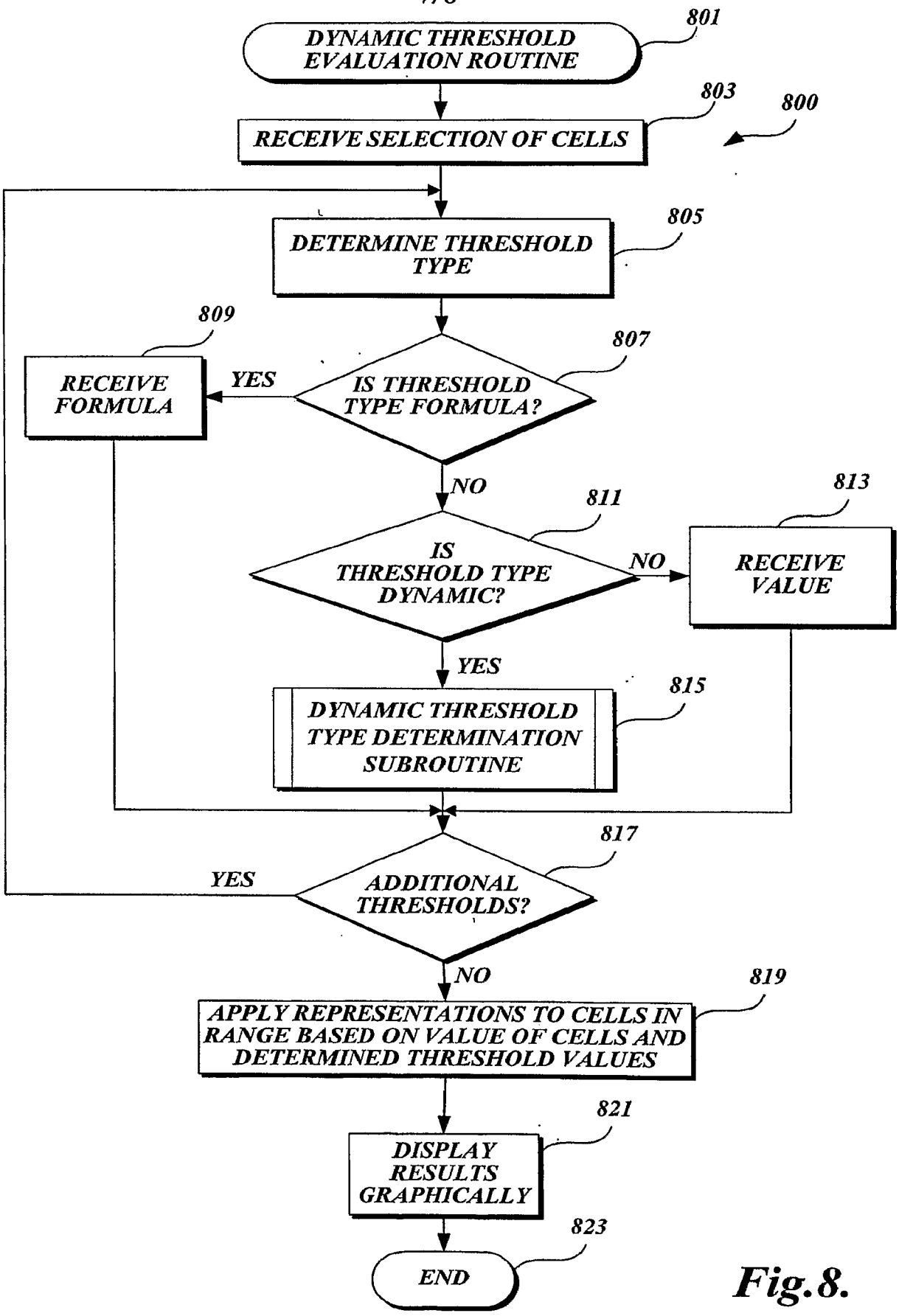

DYNAMIC THRESHOLD EVALUATION ROUTINE
801
800
803
RECEIVE SELECTION OF CELLS
805
DETERMINE THRESHOLD TYPE
809
807
RECEIVE FORMULA
YES
IS THRESHOLD TYPE FORMULA?
NO
811
813
IS THRESHOLD TYPE DYNAMIC?
NO
RECEIVE VALUE
YES
815
DYNAMIC THRESHOLD TYPE DETERMINATION SUBROUTINE
817
YES
ADDITIONAL THRESHOLDS?
NO
819
APPLY REPRESENTATIONS TO CELLS IN RANGE BASED ON VALUE OF CELLS AND DETERMINED THRESHOLD VALUES
821
DISPLAY RESULTS GRAPHICALLY
823
END

Fig.8.

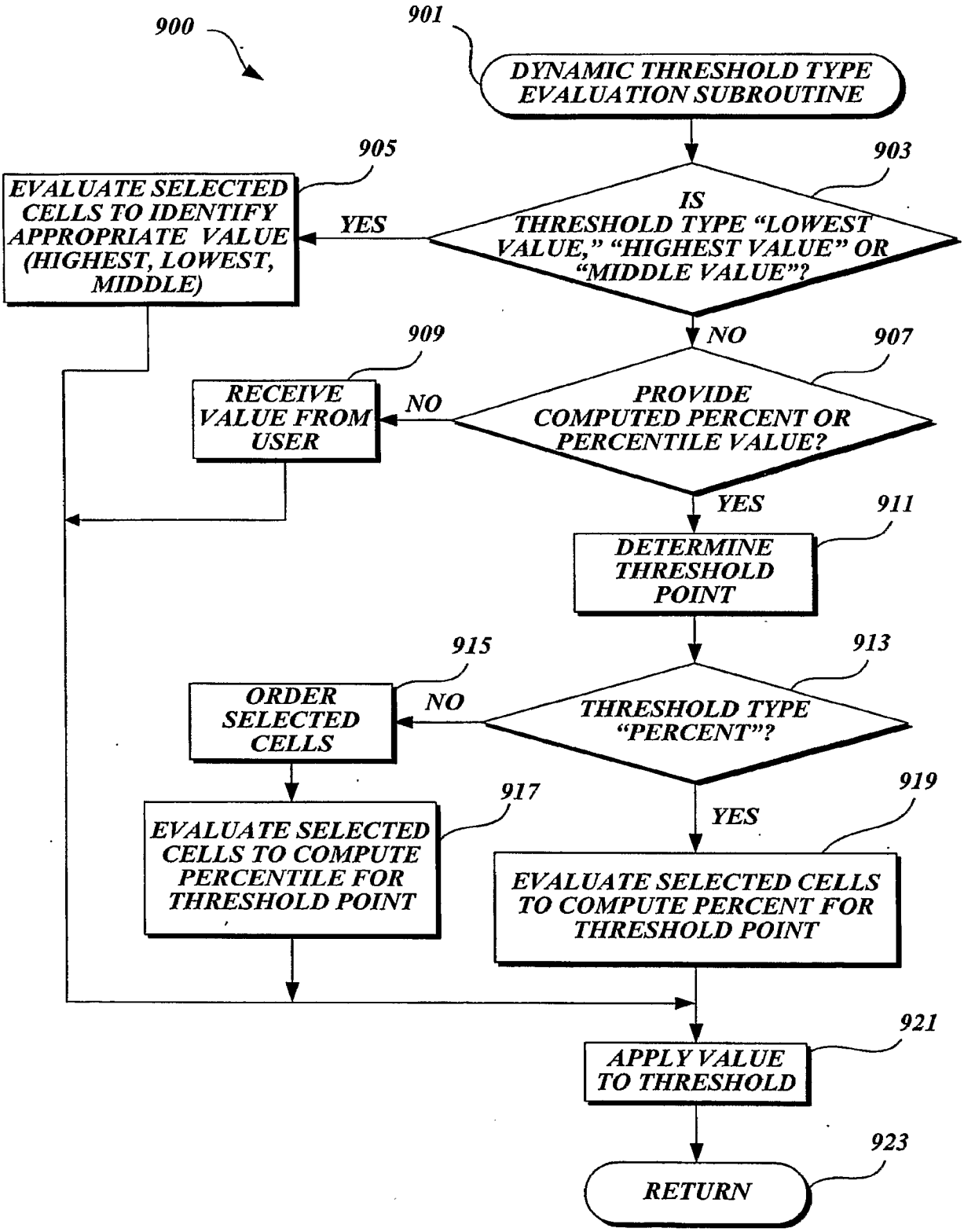

900
901
DYNAMIC THRESHOLD TYPE EVALUATION SUBROUTINE
903
IS THRESHOLD TYPE "LOWEST VALUE," "HIGHEST VALUE" OR "MIDDLE VALUE"?
YES
905
EVALUATE SELECTED CELLS TO IDENTIFY APPROPRIATE VALUE (HIGHEST, LOWEST, MIDDLE)
NO
907
PROVIDE COMPUTED PERCENT OR PERCENTILE VALUE?
NO
909
RECEIVE VALUE FROM USER
YES
911
DETERMINE THRESHOLD POINT
913
THRESHOLD TYPE "PERCENT"?
NO
915
ORDER SELECTED CELLS
YES
917
EVALUATE SELECTED CELLS TO COMPUTE PERCENTILE FOR THRESHOLD POINT
919
EVALUATE SELECTED CELLS TO COMPUTE PERCENT FOR THRESHOLD POINT
921
APPLY VALUE TO THRESHOLD
923
RETURN

Fig.9.