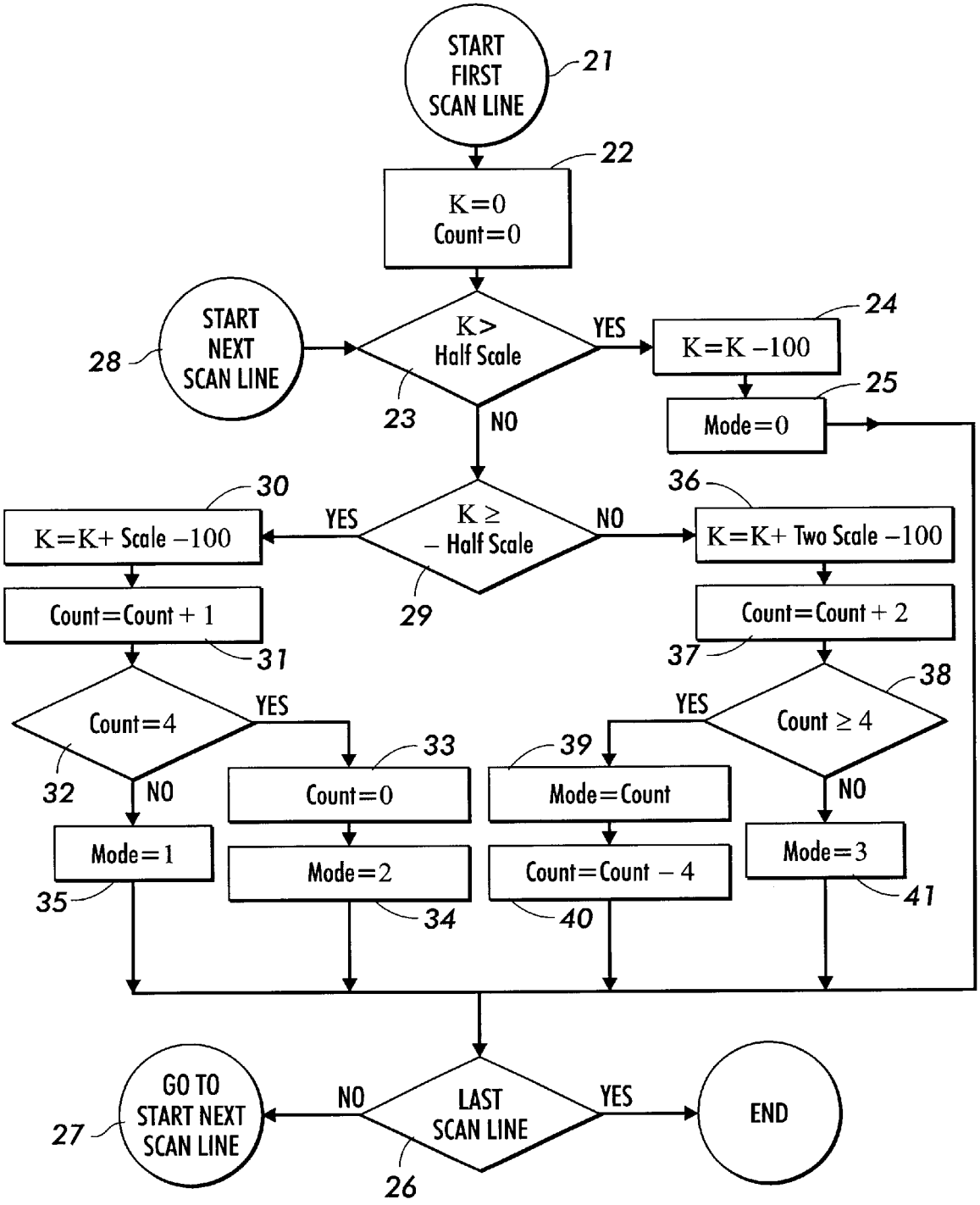
START FIRST SCAN LINE
21
K=0
Count=0
22
START NEXT SCAN LINE
28
K> Half Scale
23
YES
K=K −100
24
Mode=0
25
NO
K ≥ − Half Scale
29
YES
NO
K=K+ Scale −100
30
Count=Count + 1
31
K=K+ Two Scale −100
36
Count=Count + 2
37
Count=4
32
YES
NO
Count=0
33
Mode=2
34
Mode=1
35
Count ≥ 4
38
YES
NO
Mode=Count
39
Count=Count − 4
40
Mode=3
41
LAST SCAN LINE
26
NO
YES
GO TO START NEXT SCAN LINE
27
END

FIG. 1