

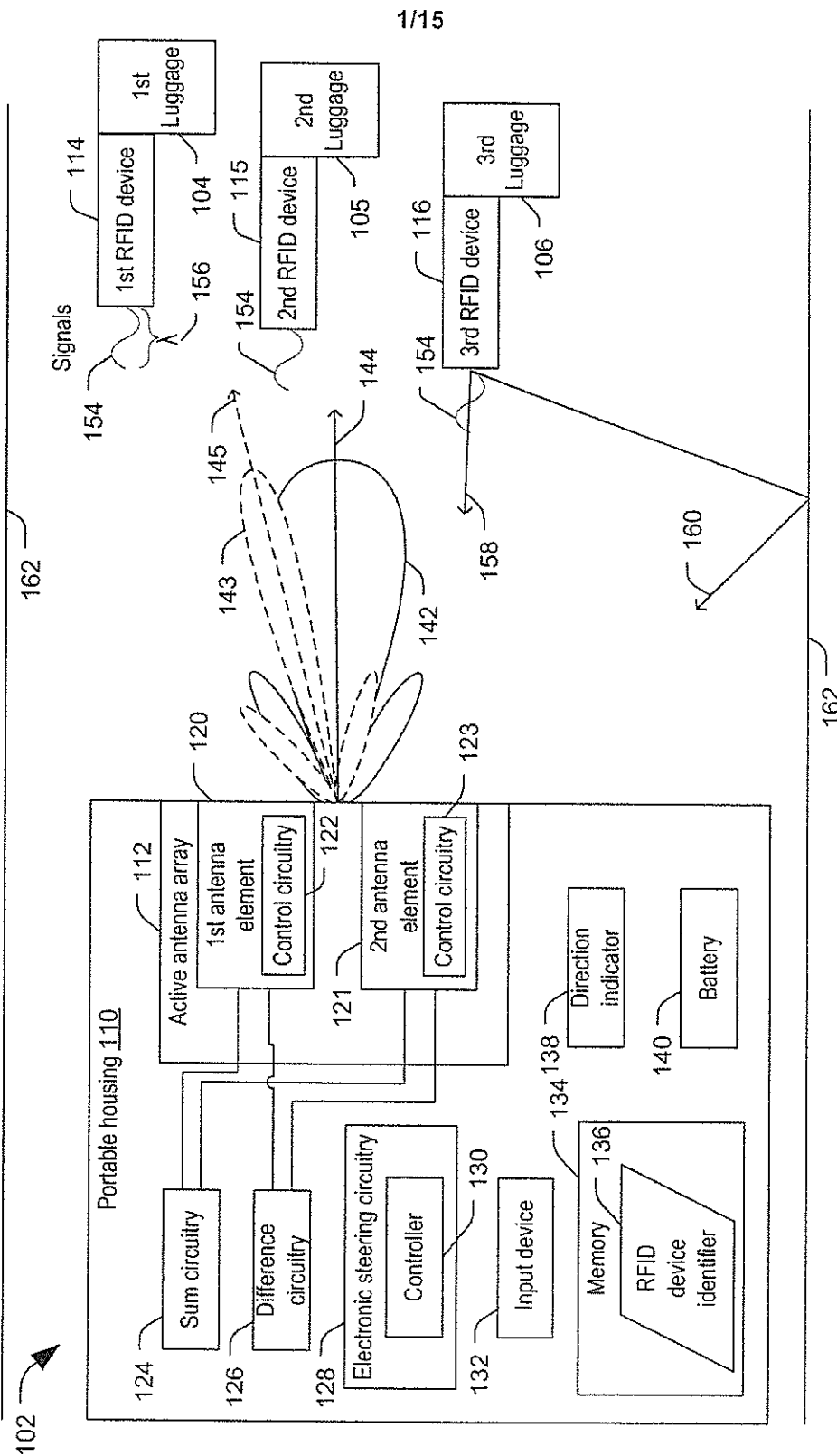


FIG. 1

2/15

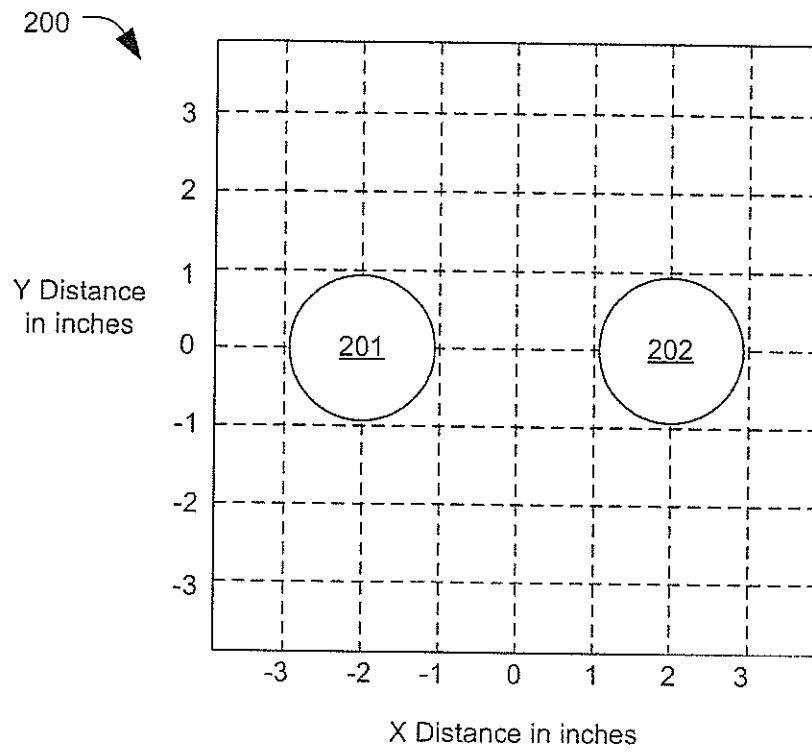


FIG. 2

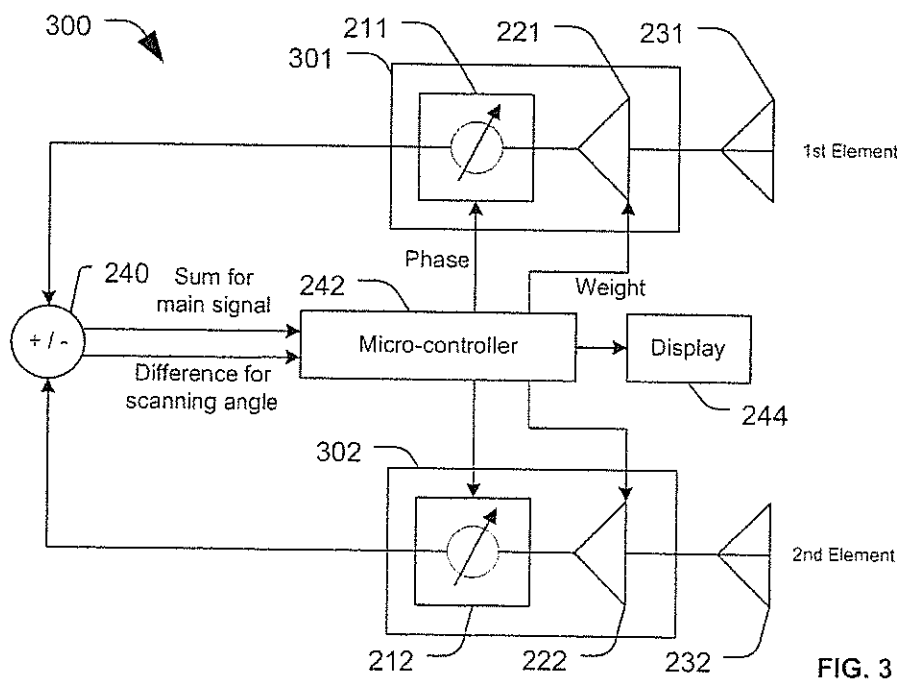


FIG. 3

3/15

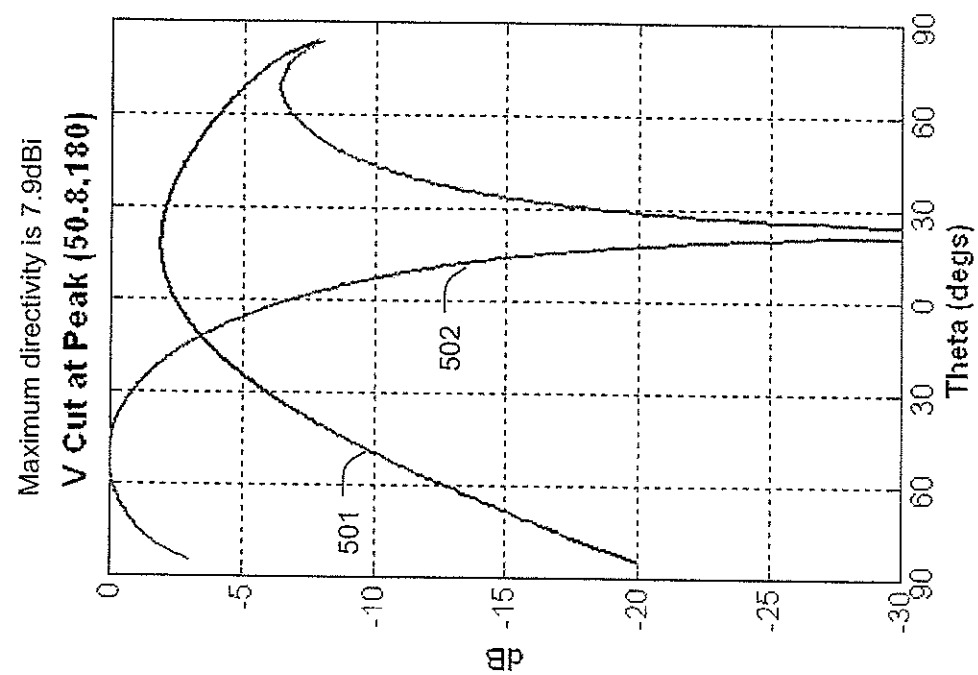


FIG. 5

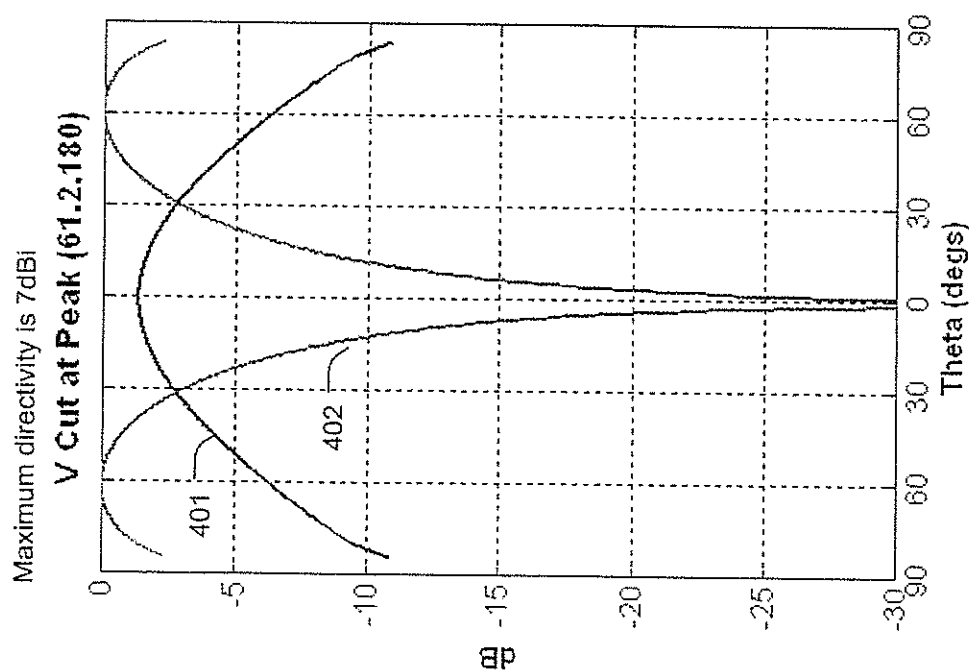


FIG. 4

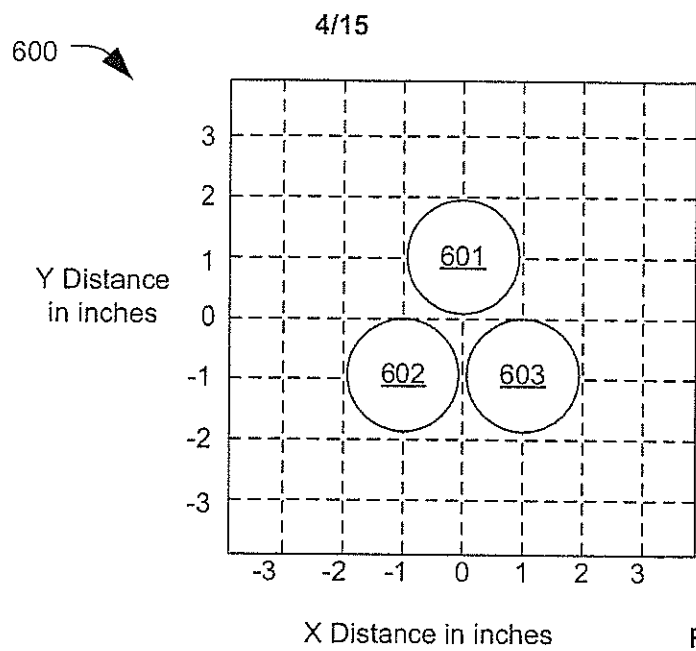


FIG. 6

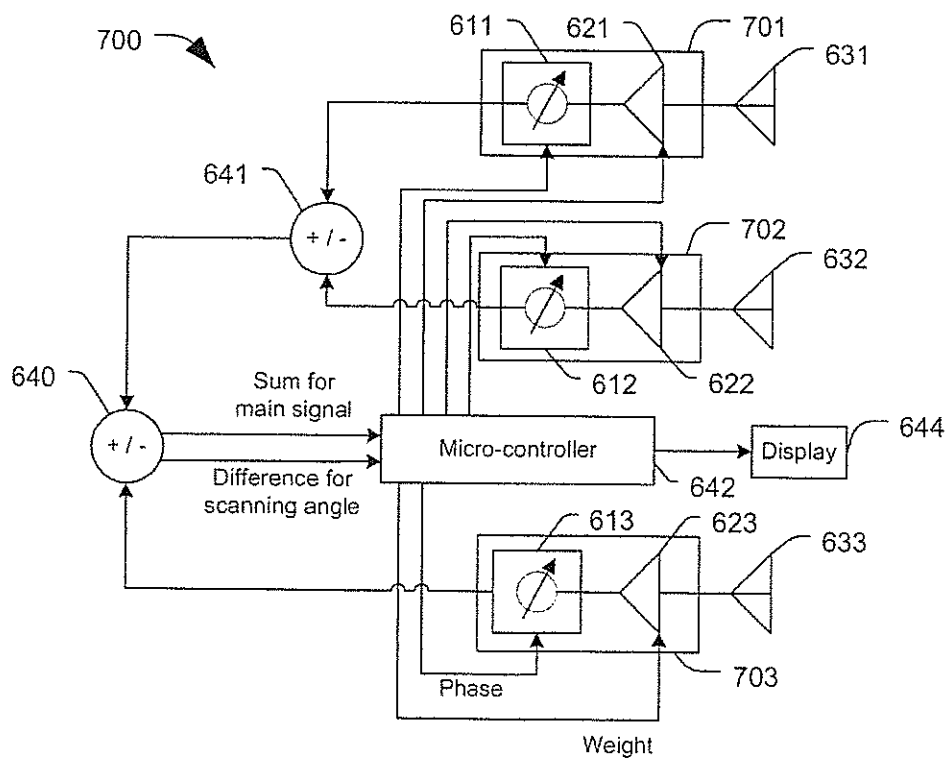


FIG. 7

5/15

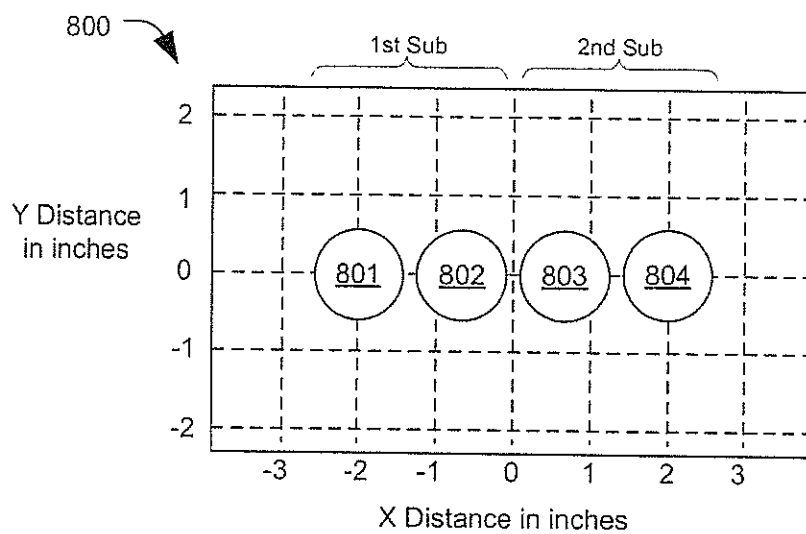


FIG. 8

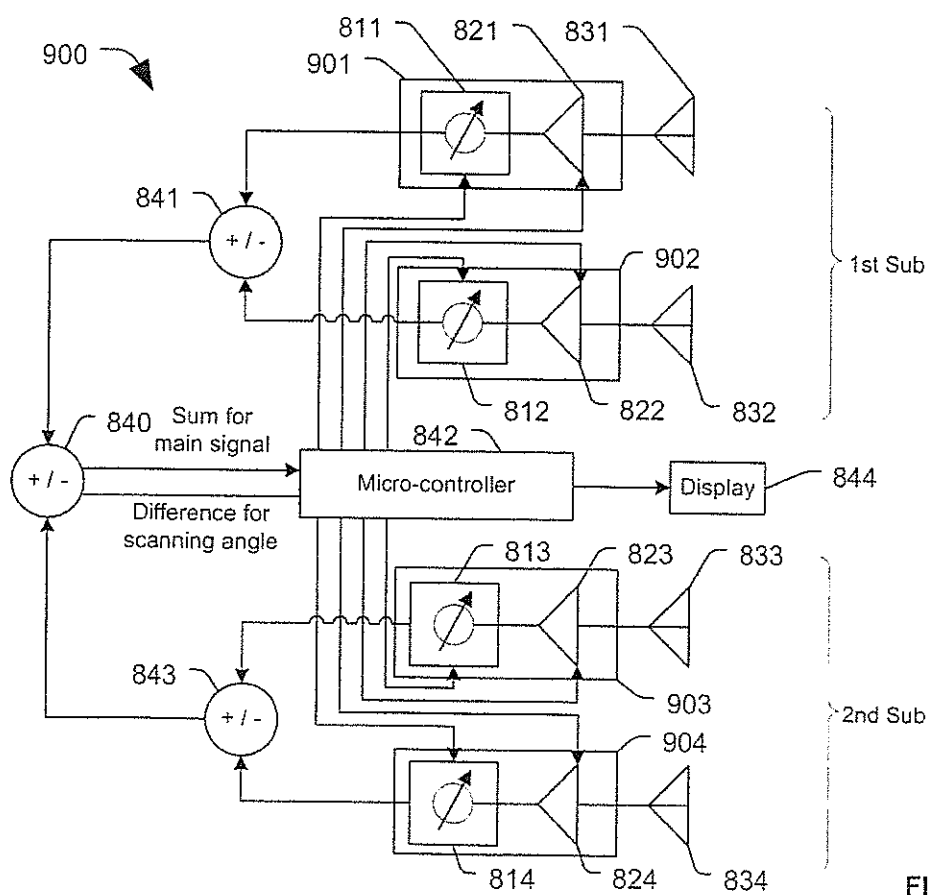


FIG. 9

Maximum directivity is 7.4dBi 1+2+3+4 AND (1+2)-(3+4)

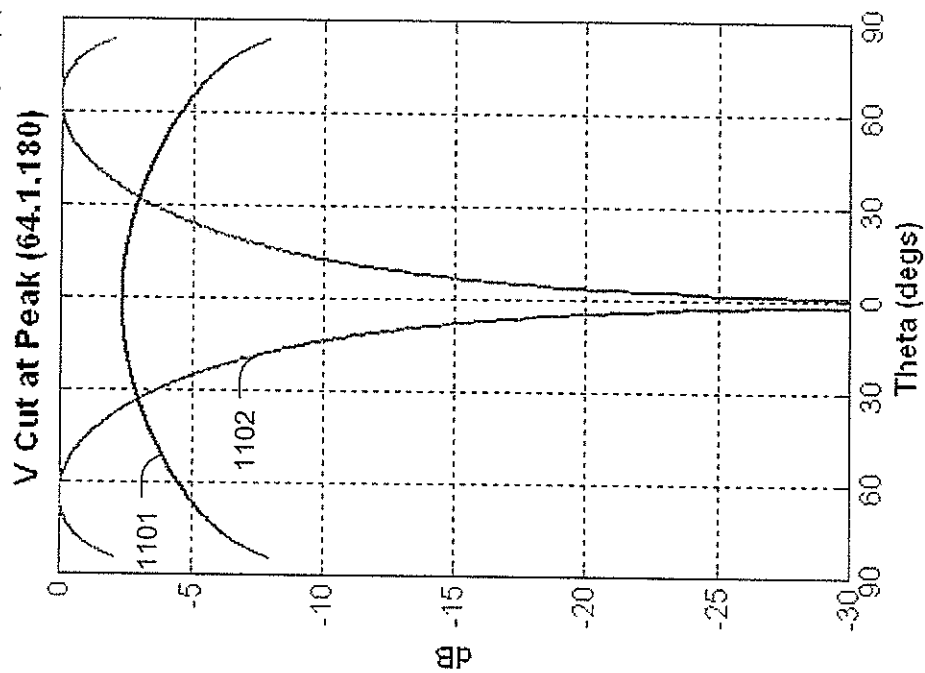


FIG. 11

Maximum directivity is 7.1dBi Sub1+sub2 and sub1-sub2

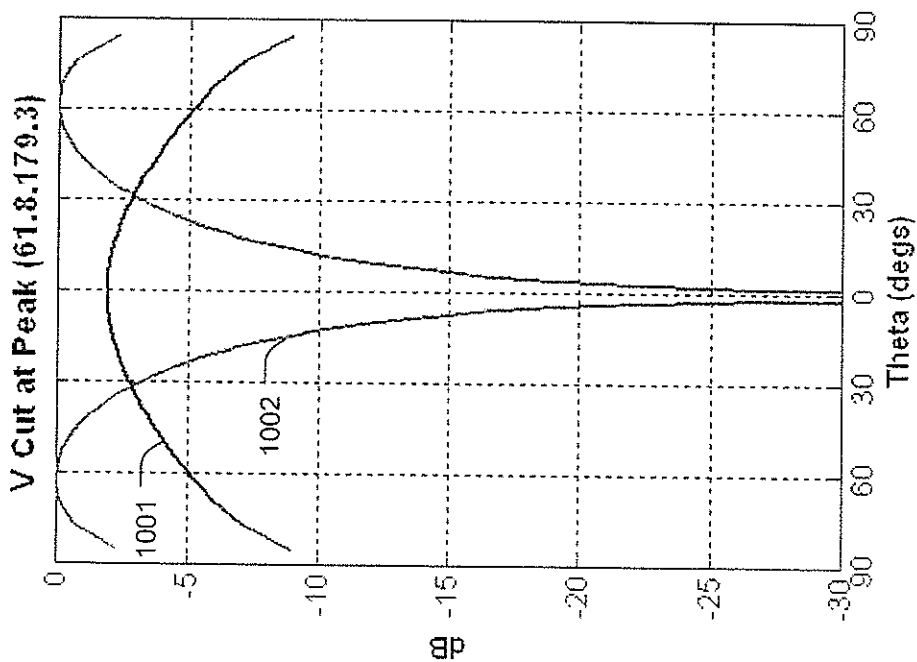


FIG. 10

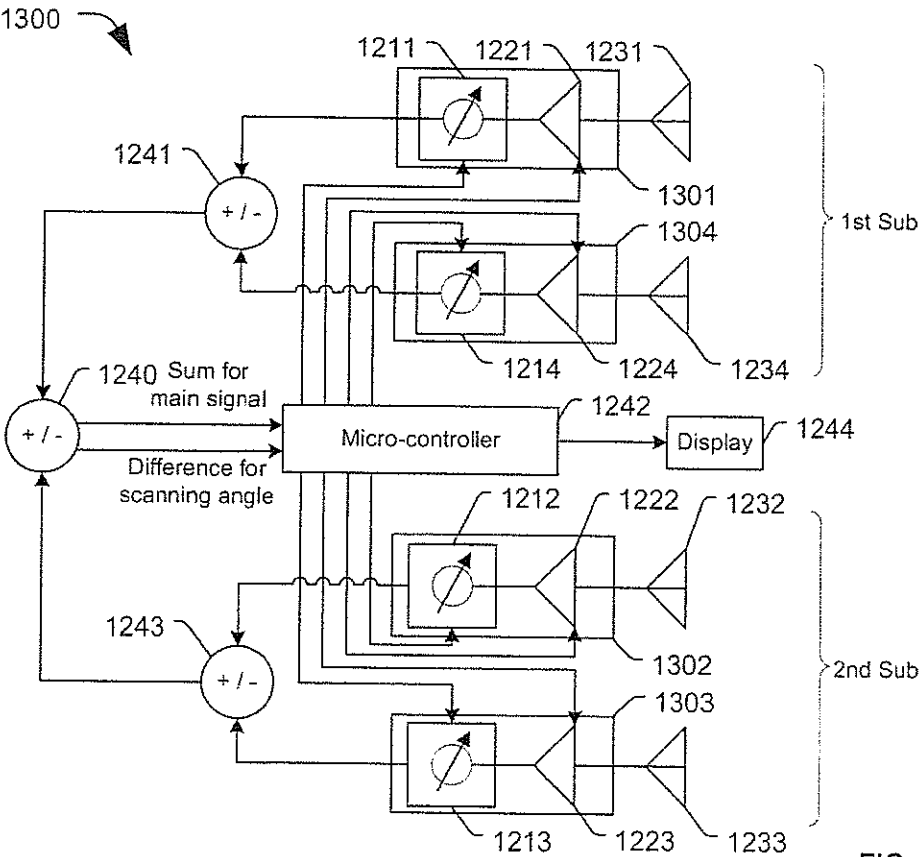
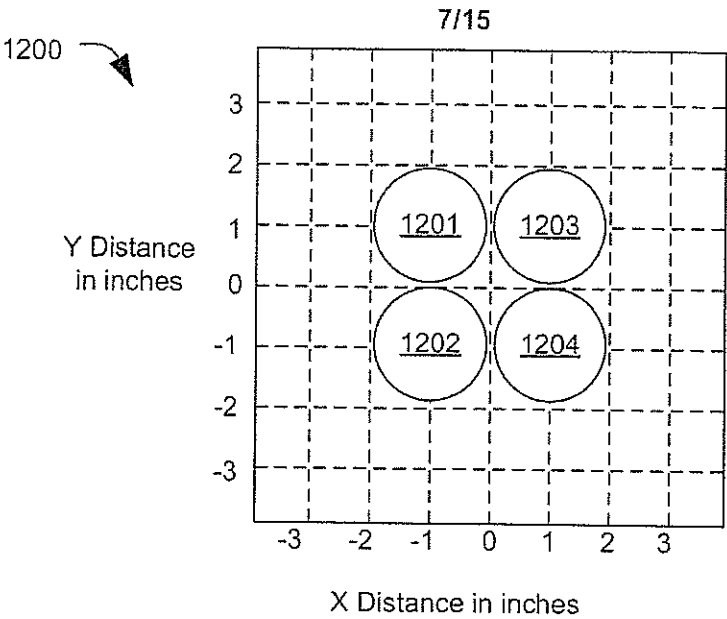


FIG. 13

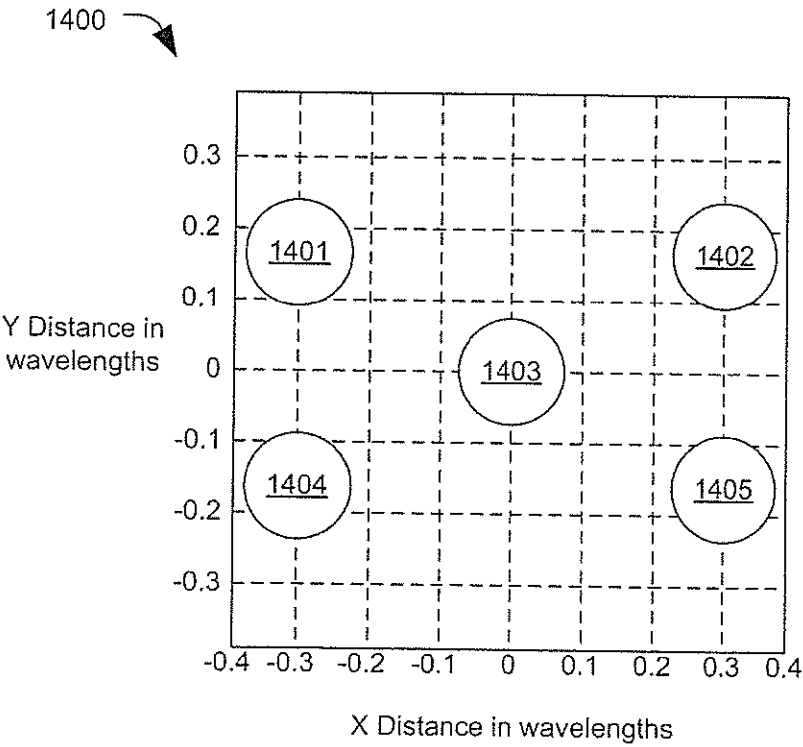


FIG. 14

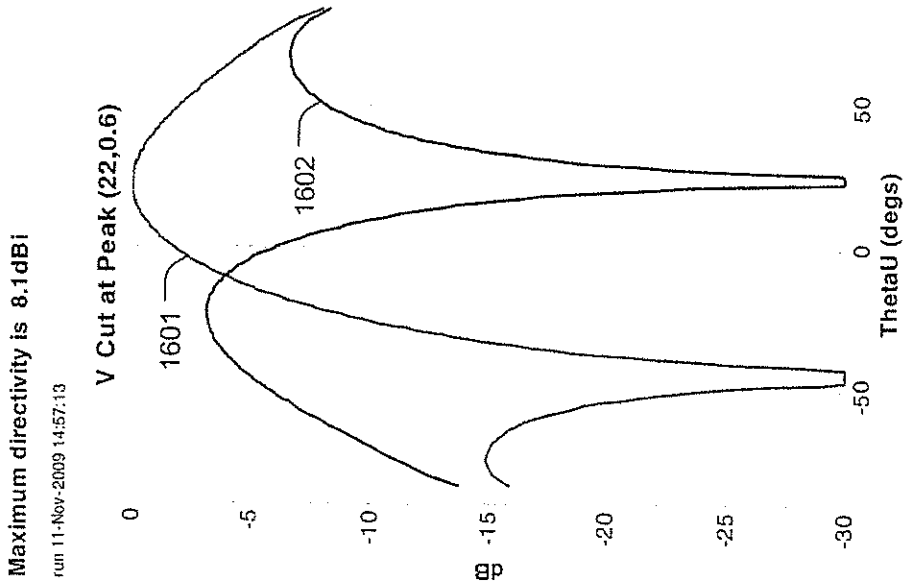


FIG. 16

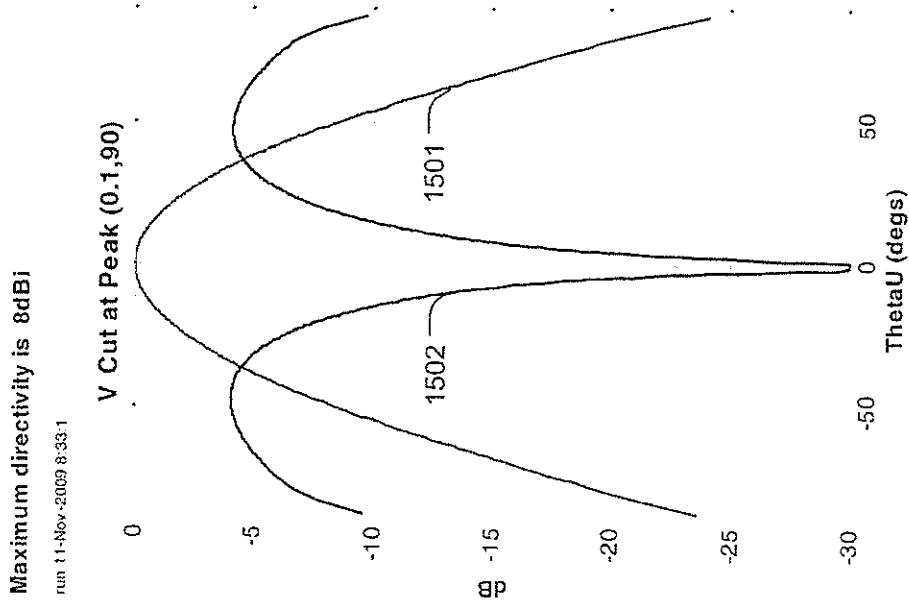


FIG. 15

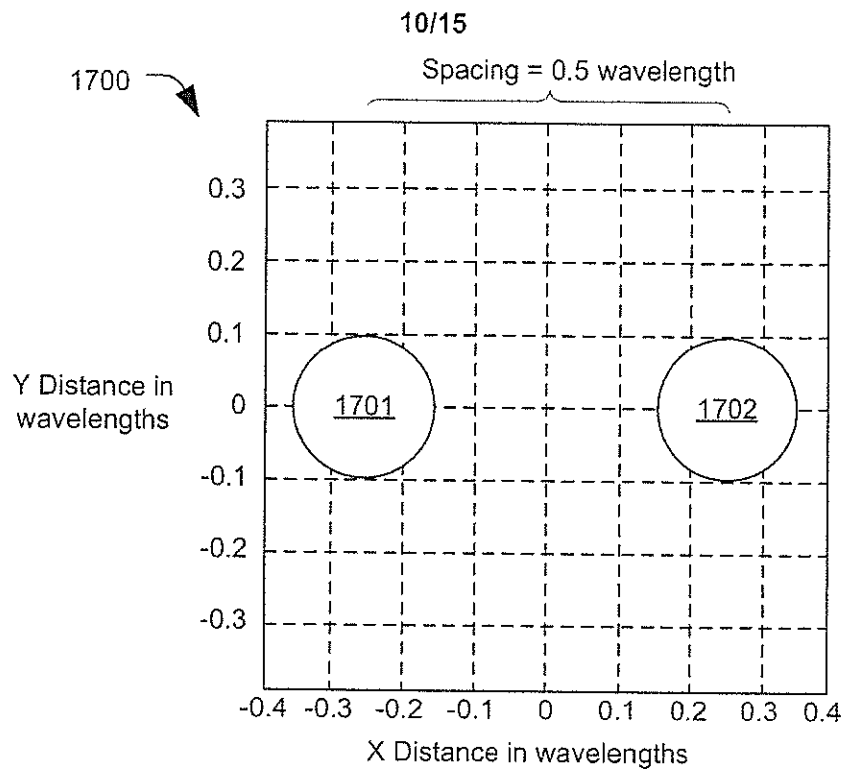


FIG. 17

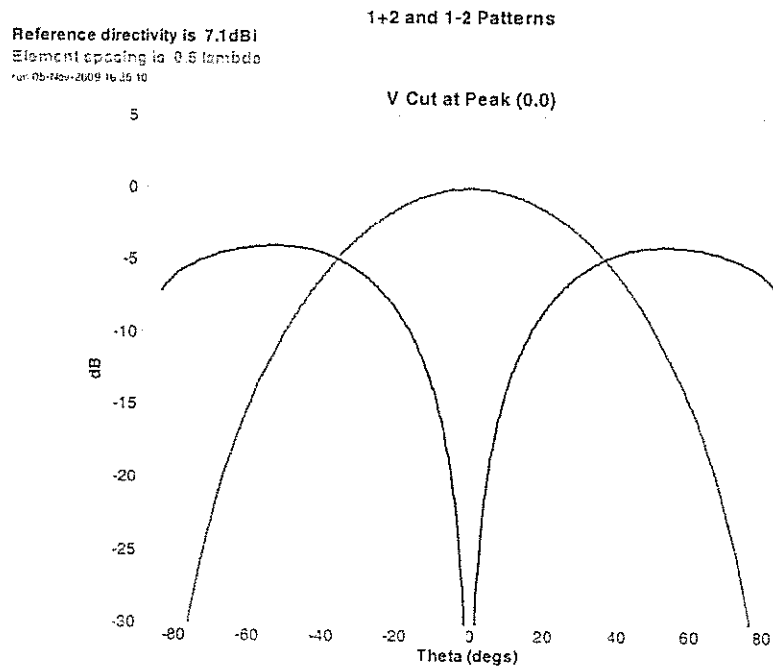


FIG. 18

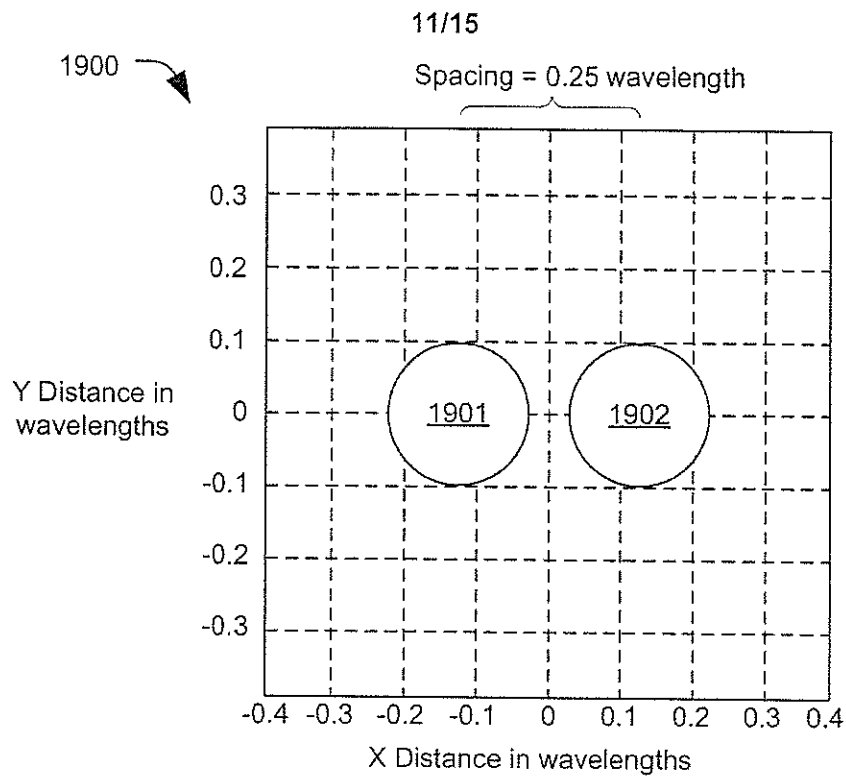


FIG. 19

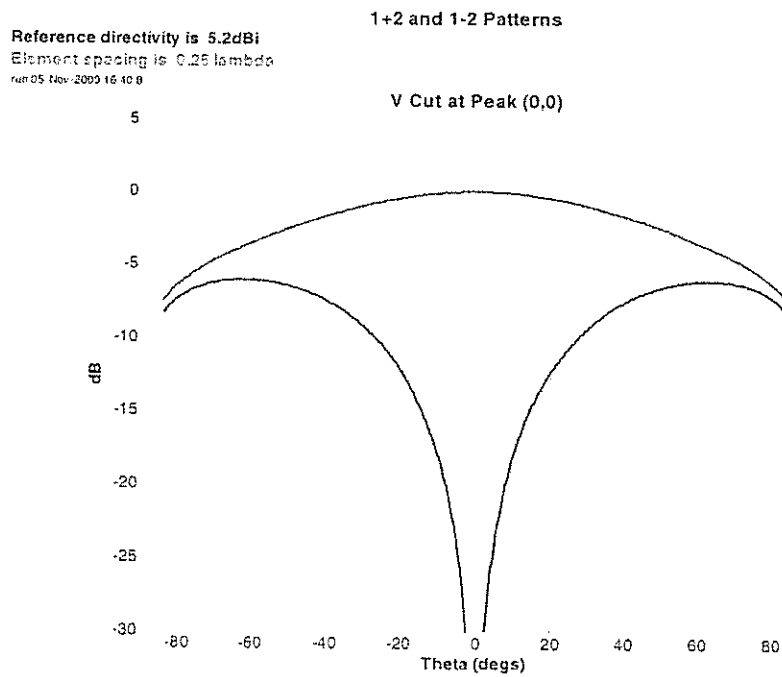
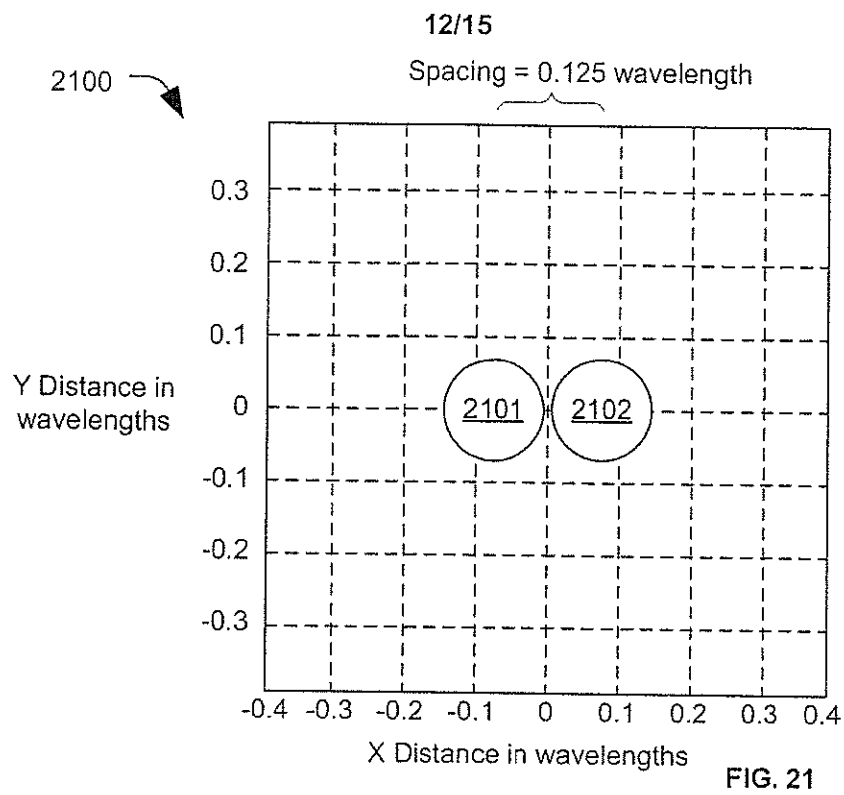


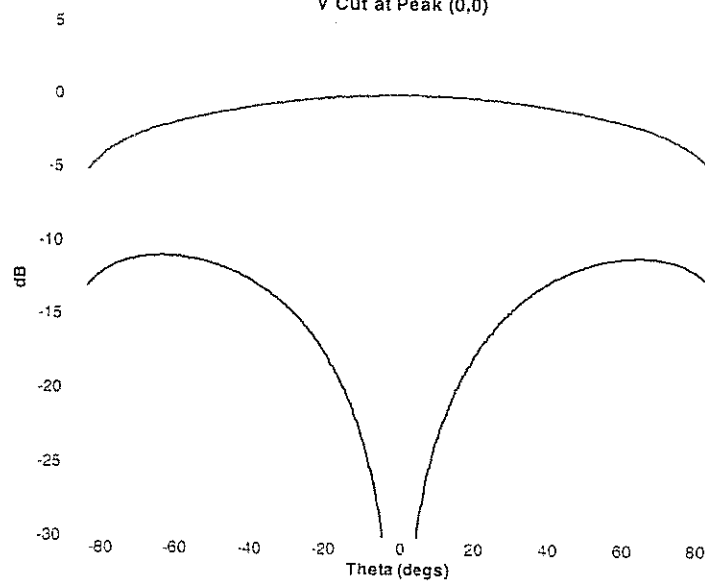
FIG. 20

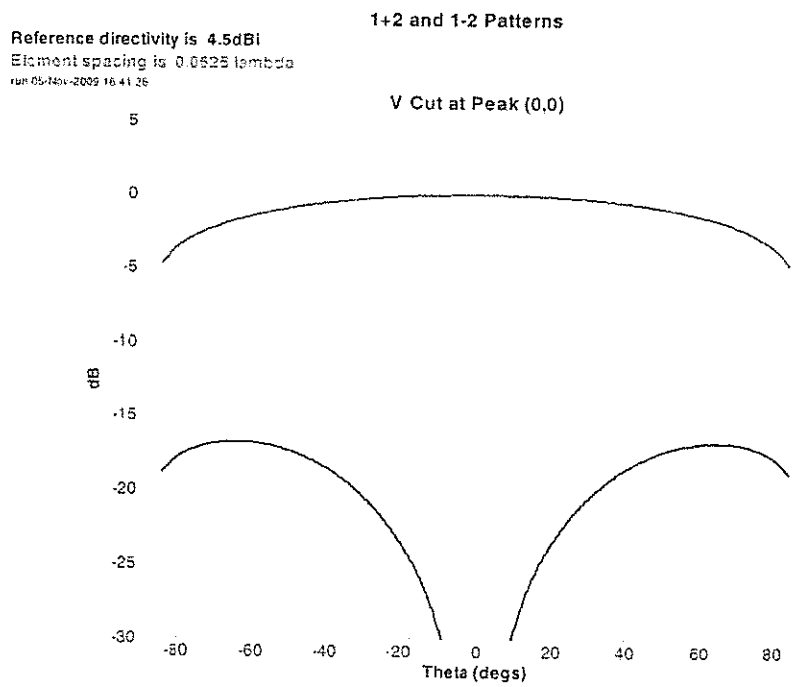
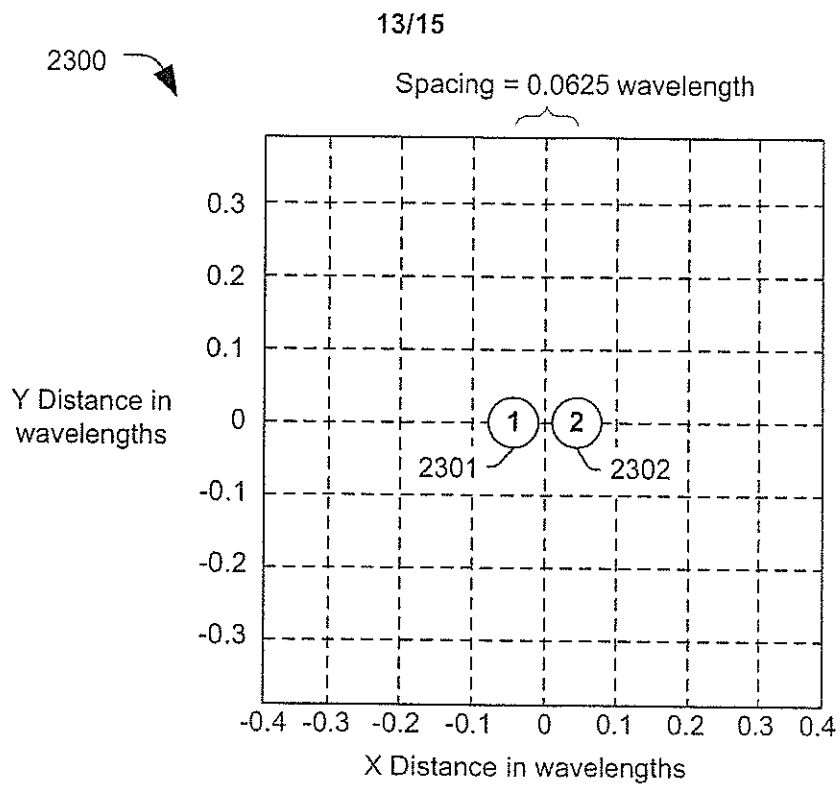


Reference directivity is 4.7dBi
Element spacing is 0.125 lambda
run 05-Nov-2009 16:40:50

1+2 and 1-2 Patterns

V Cut at Peak (0,0)





14/15

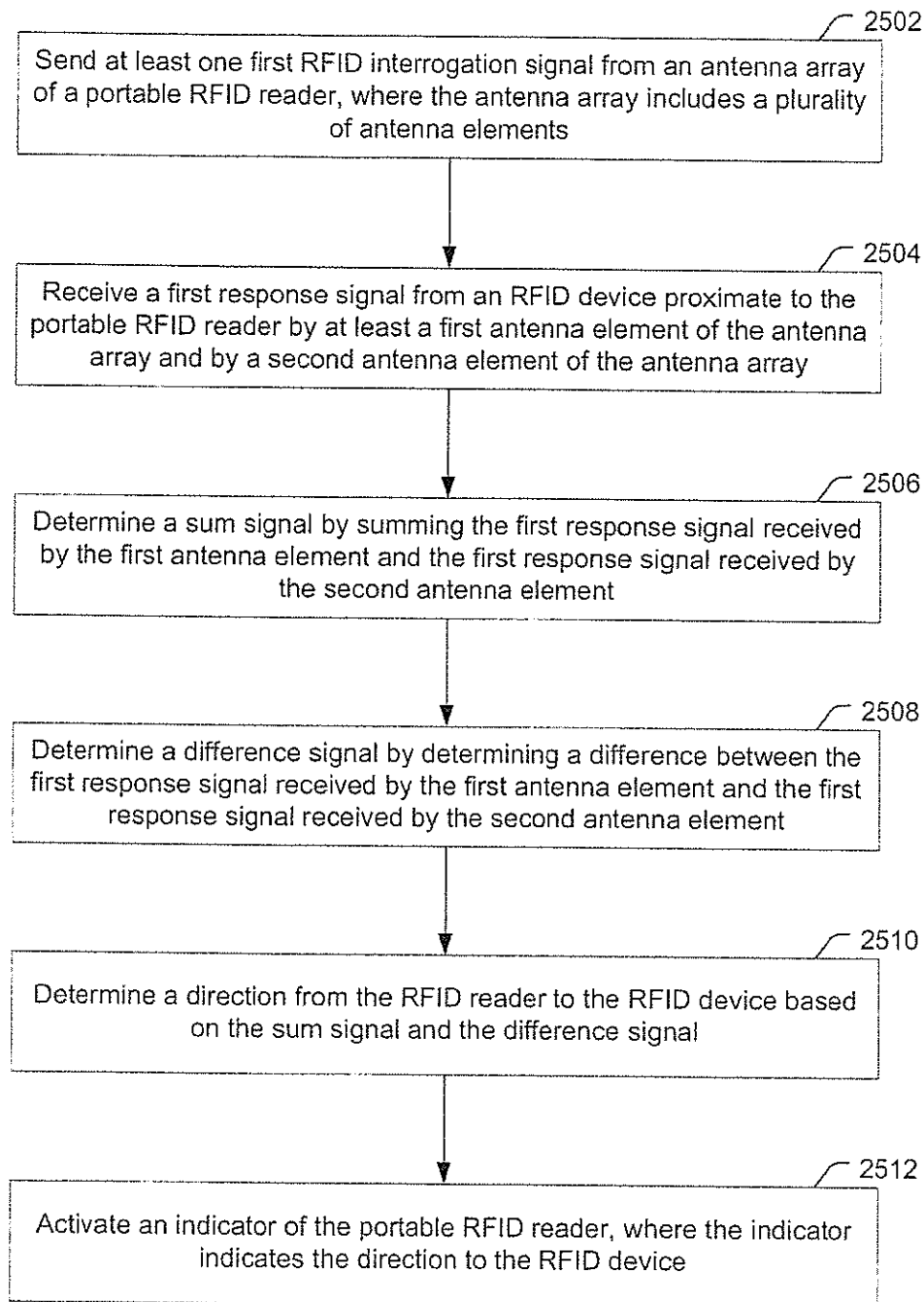


FIG. 25

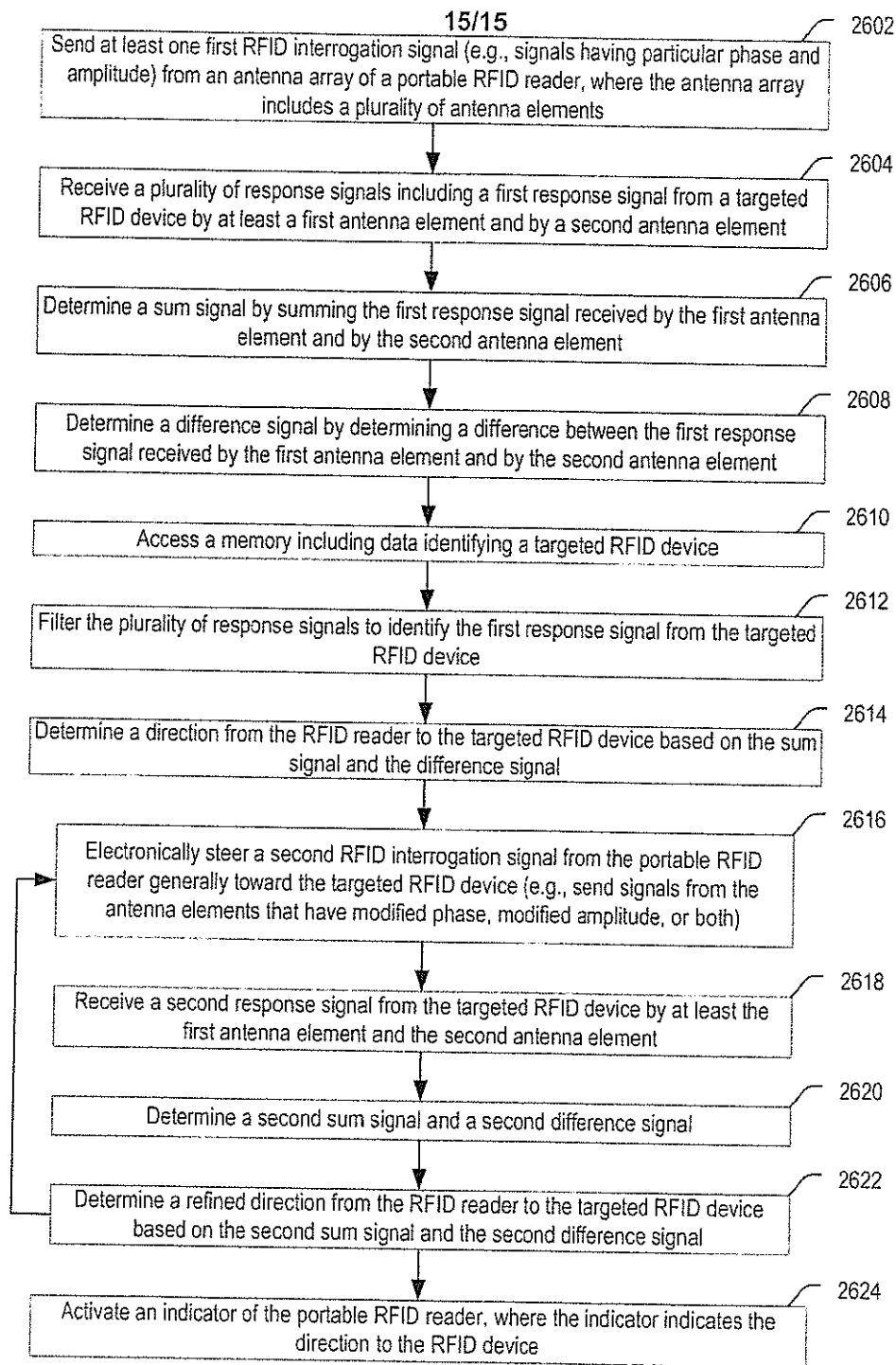


FIG. 26