

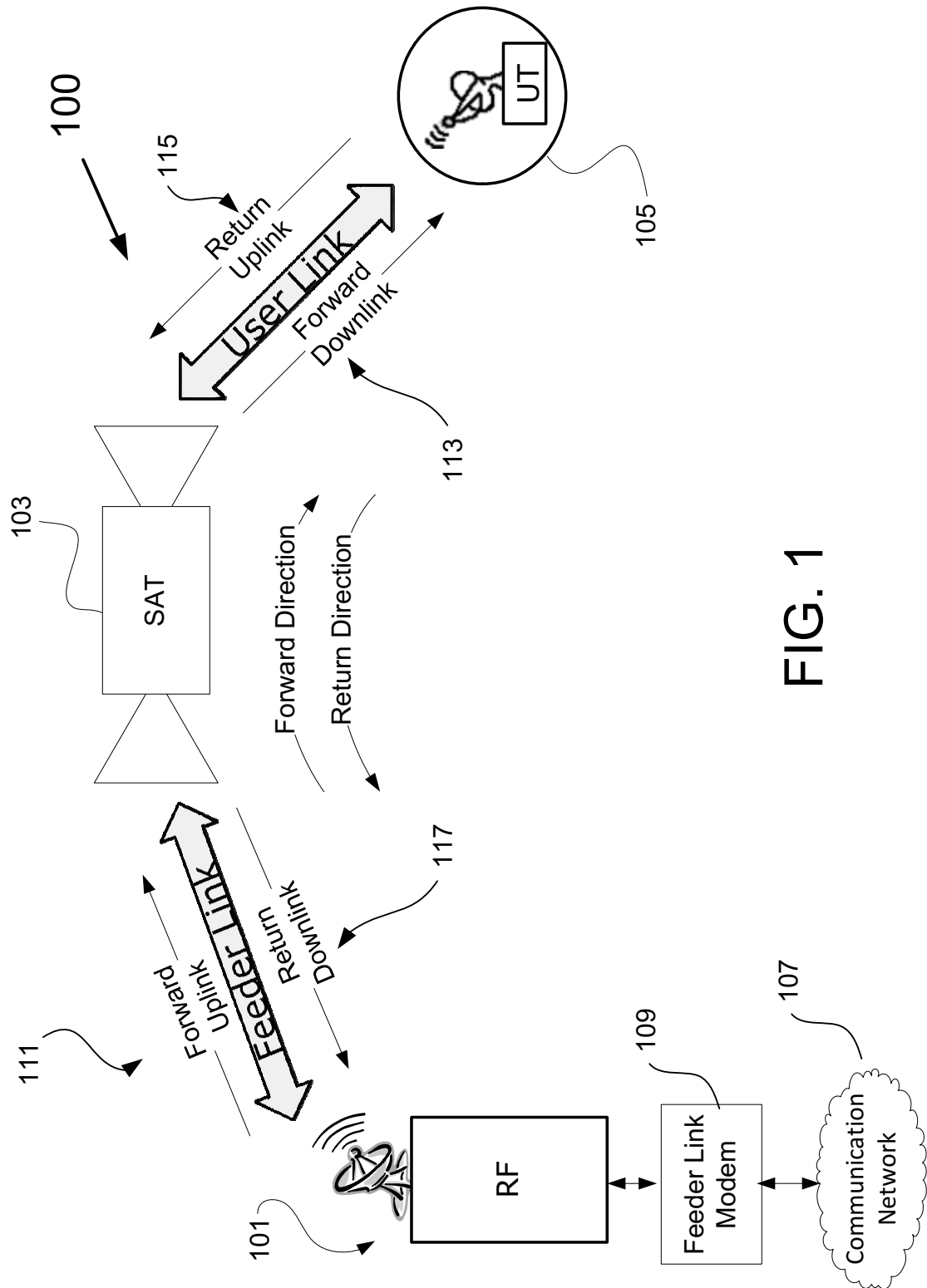


FIG. 1

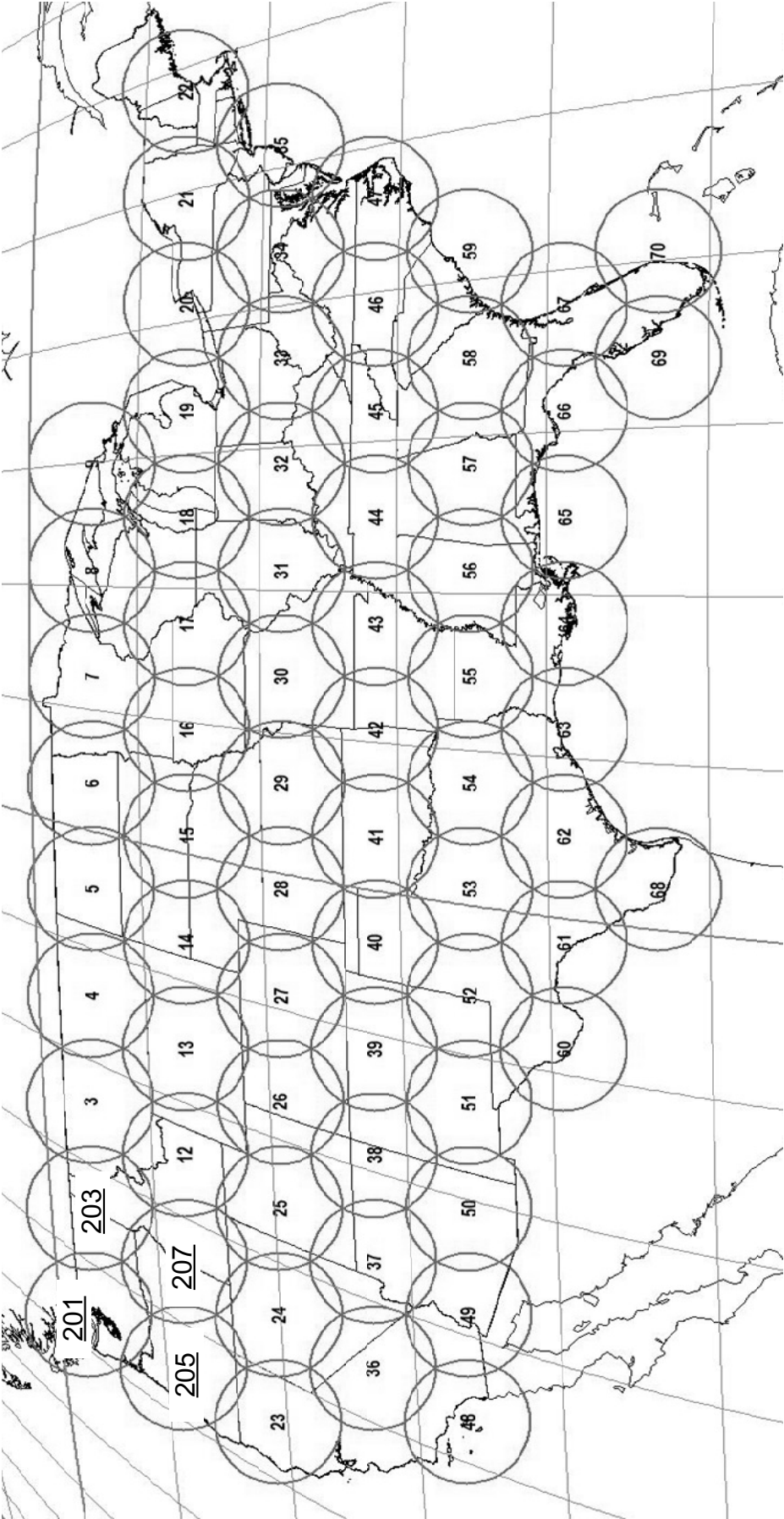


FIG. 2

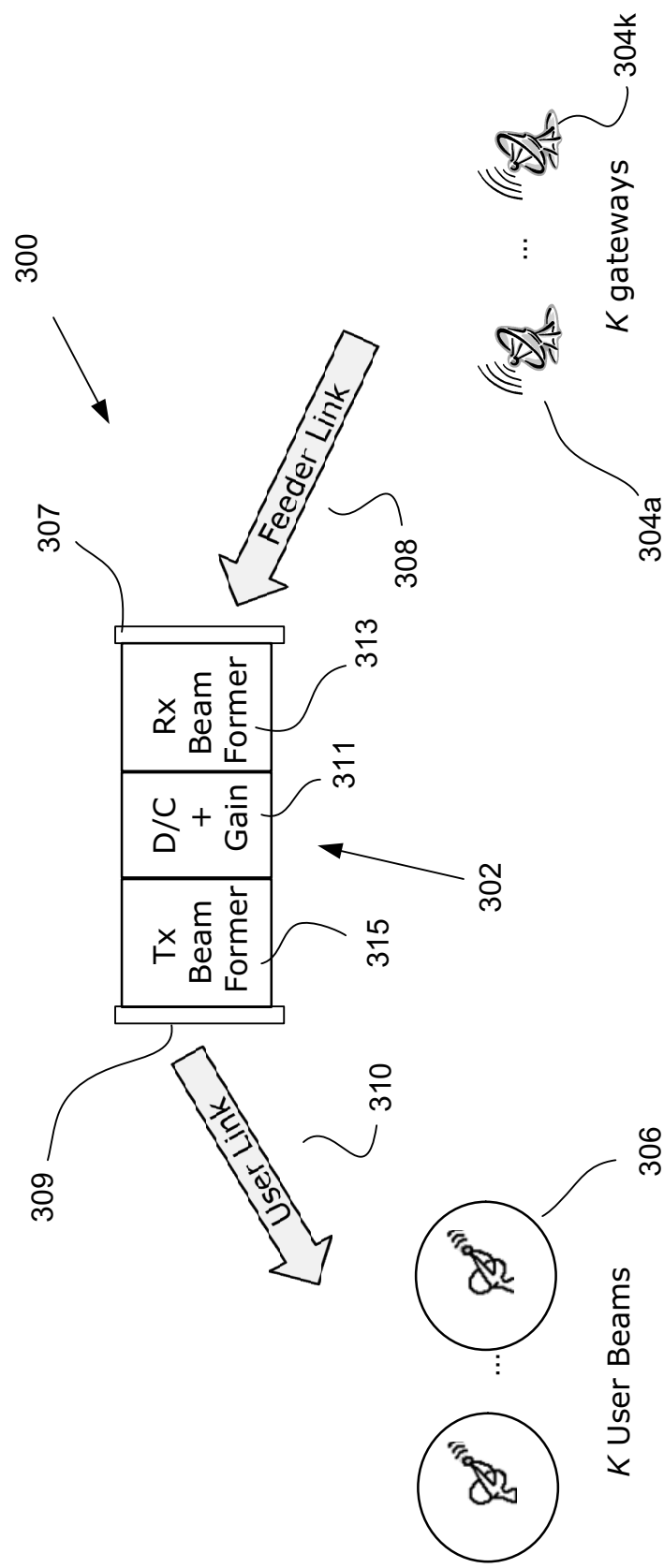


FIG. 3

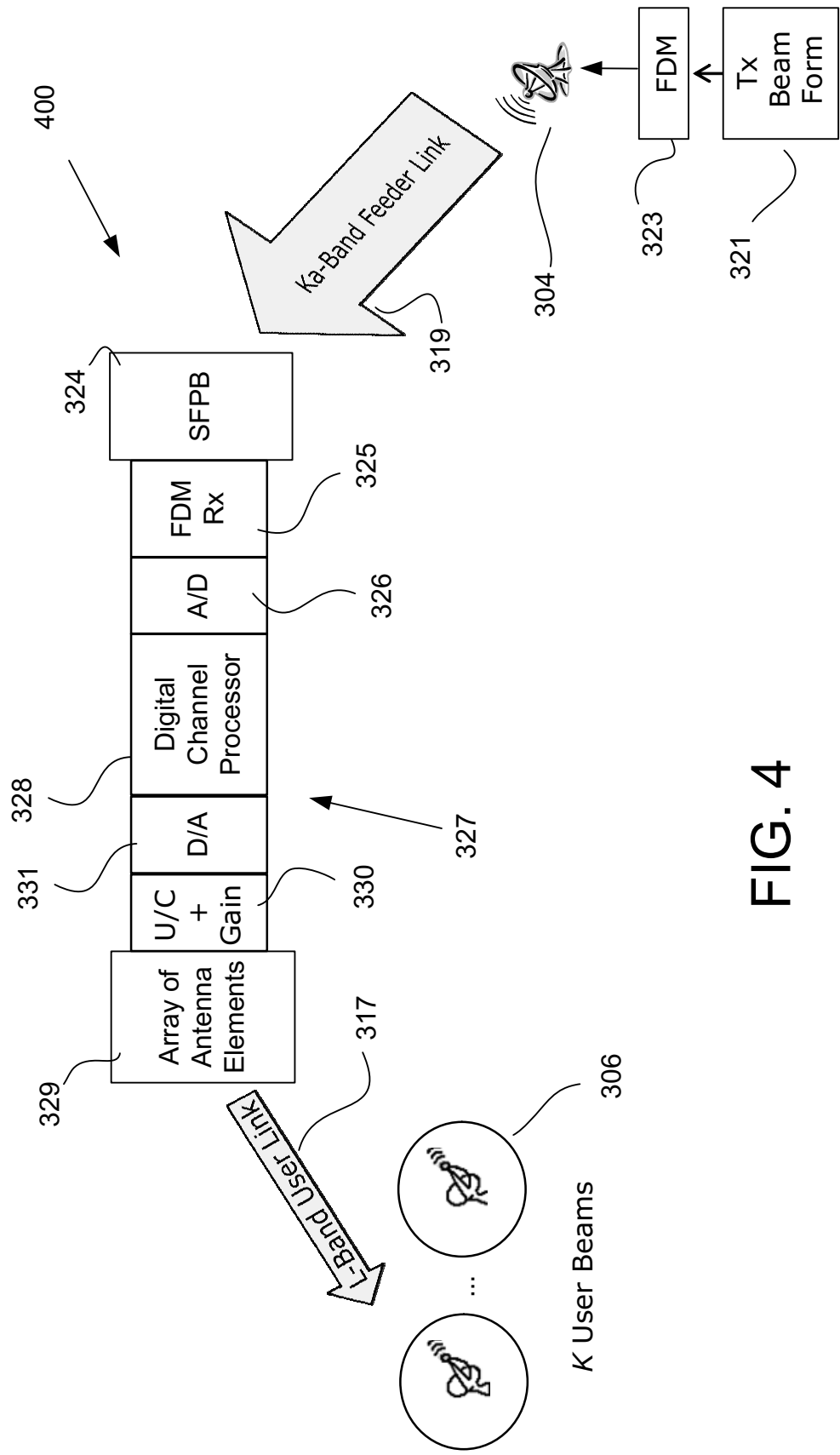


FIG. 4

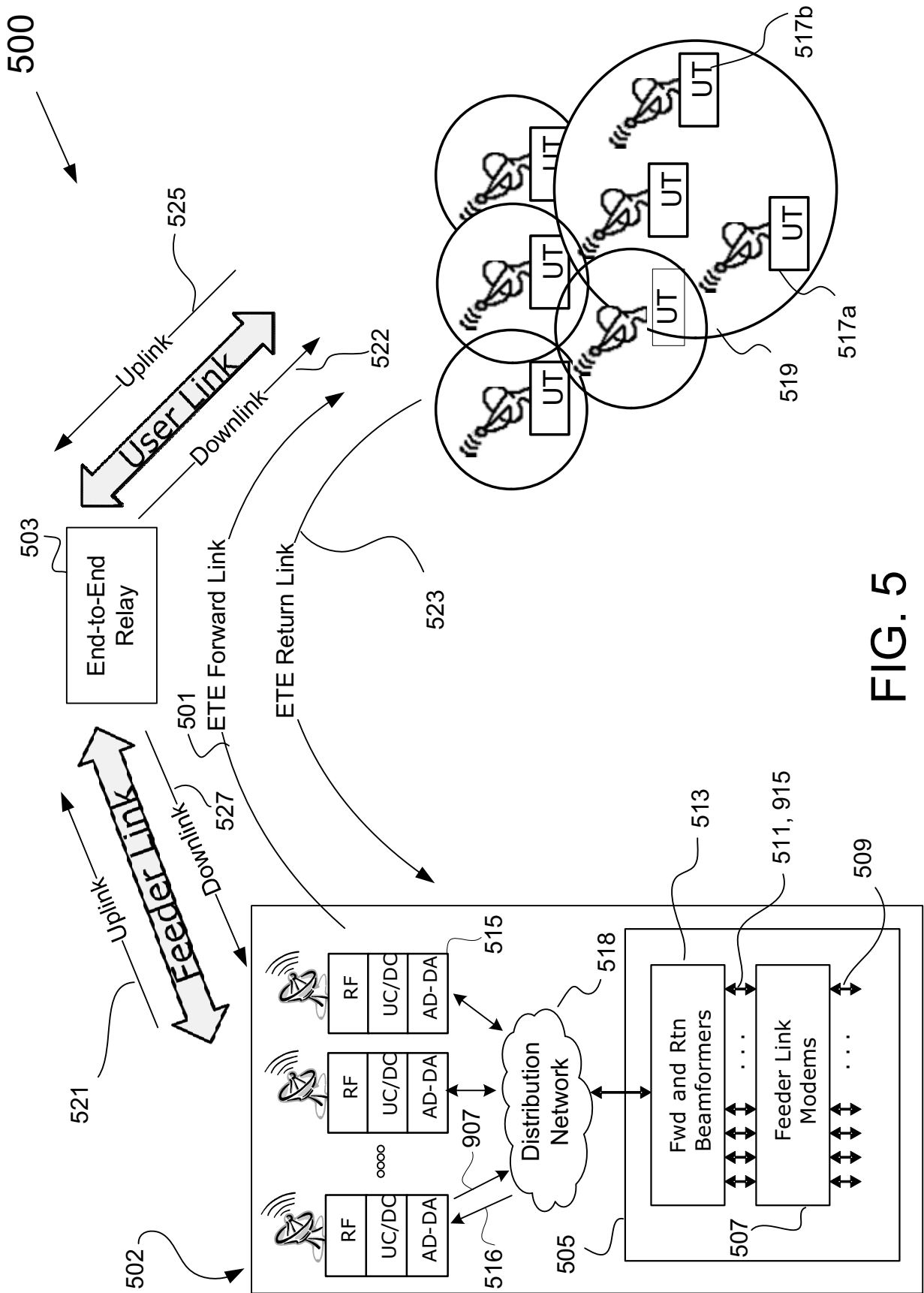


FIG. 5

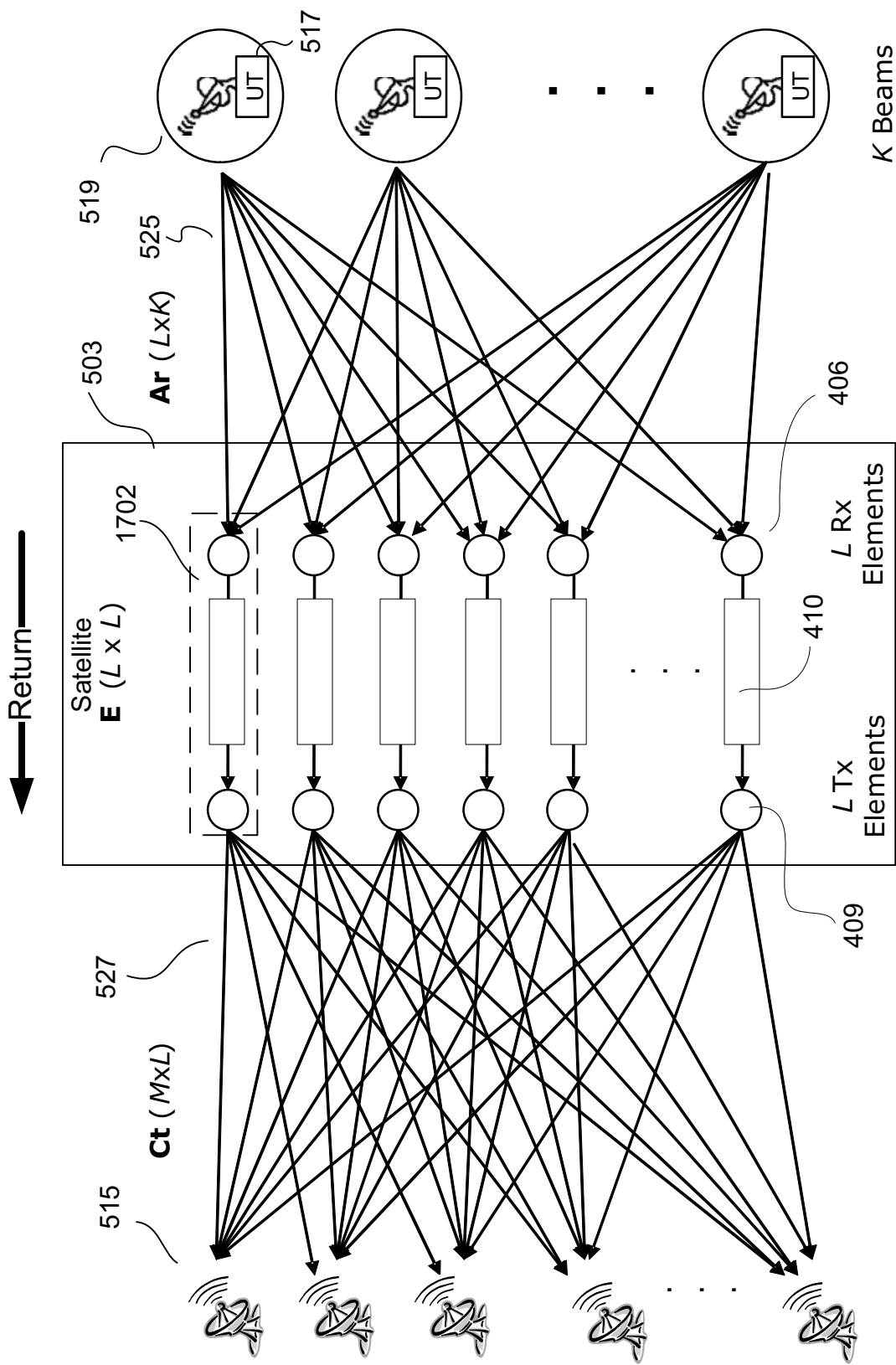


FIG. 6

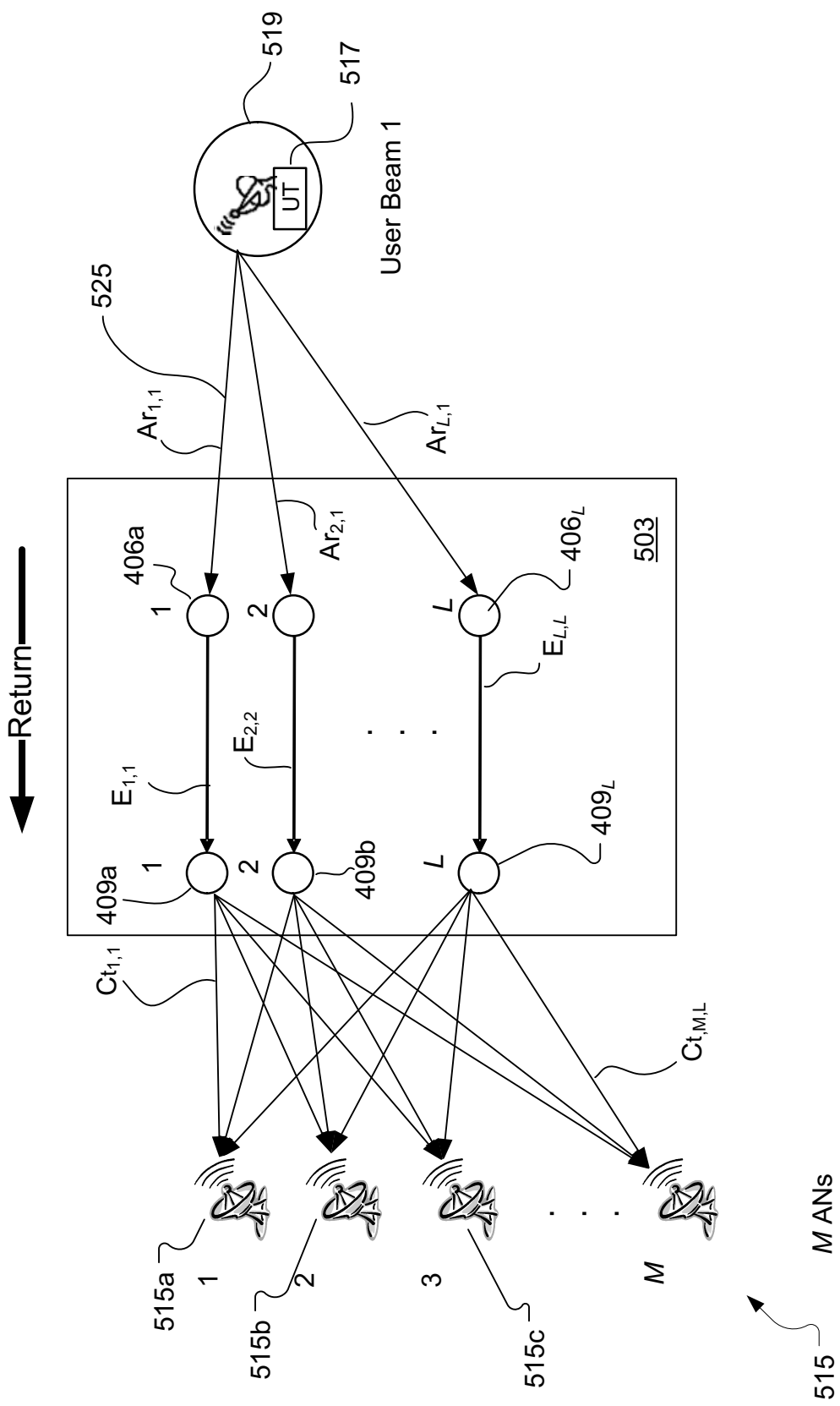


FIG. 7

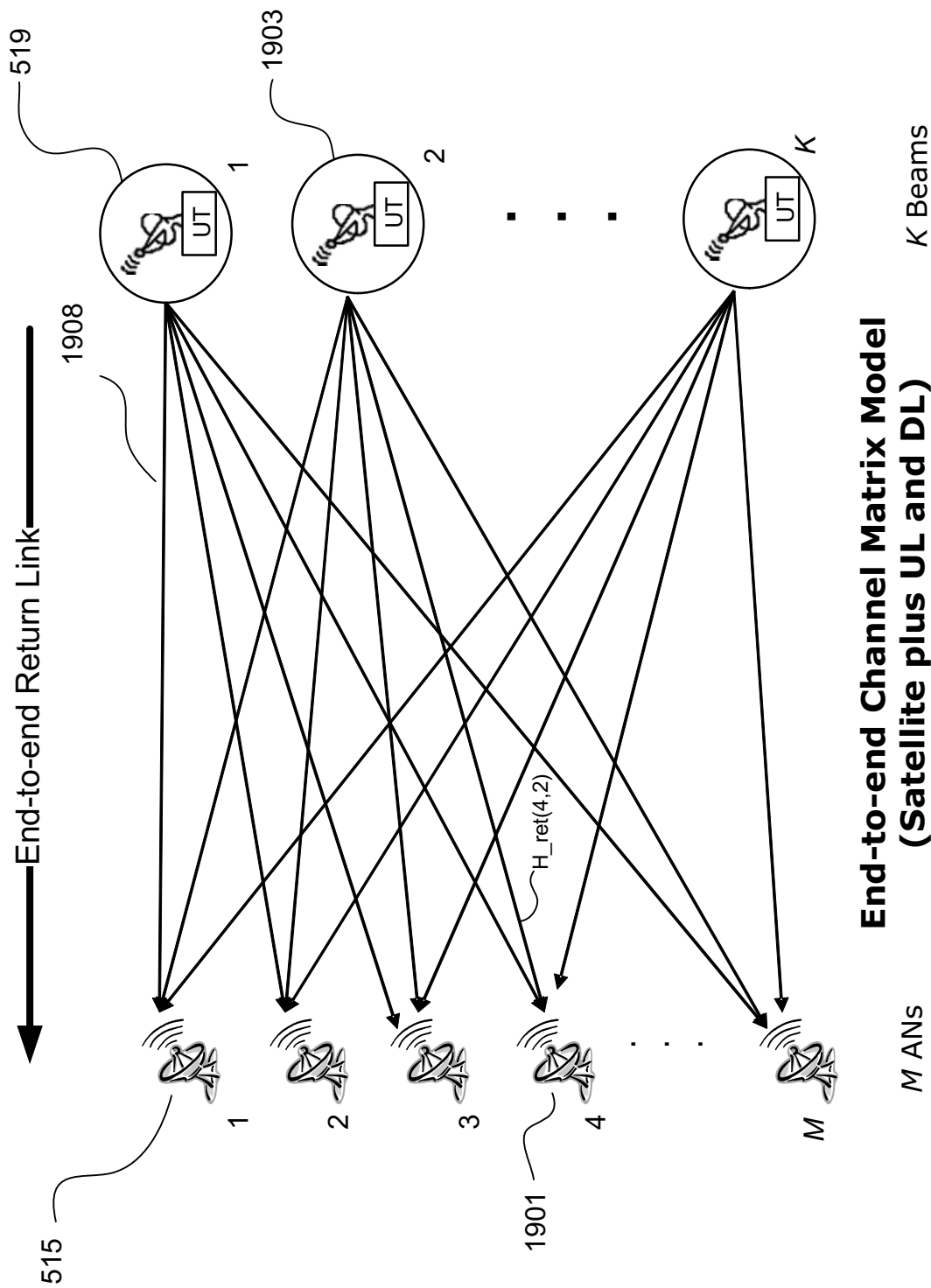


FIG. 8

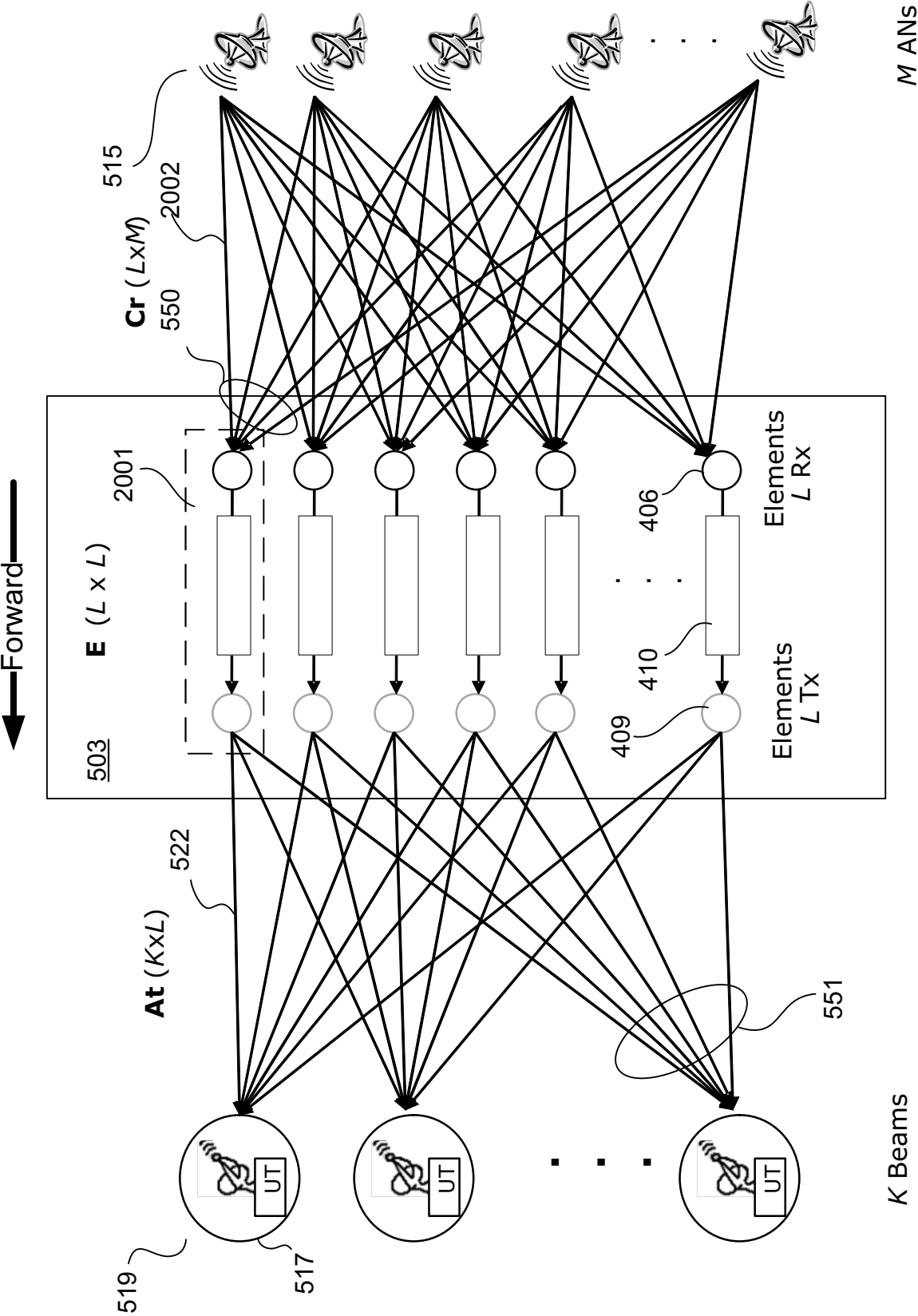


FIG. 9

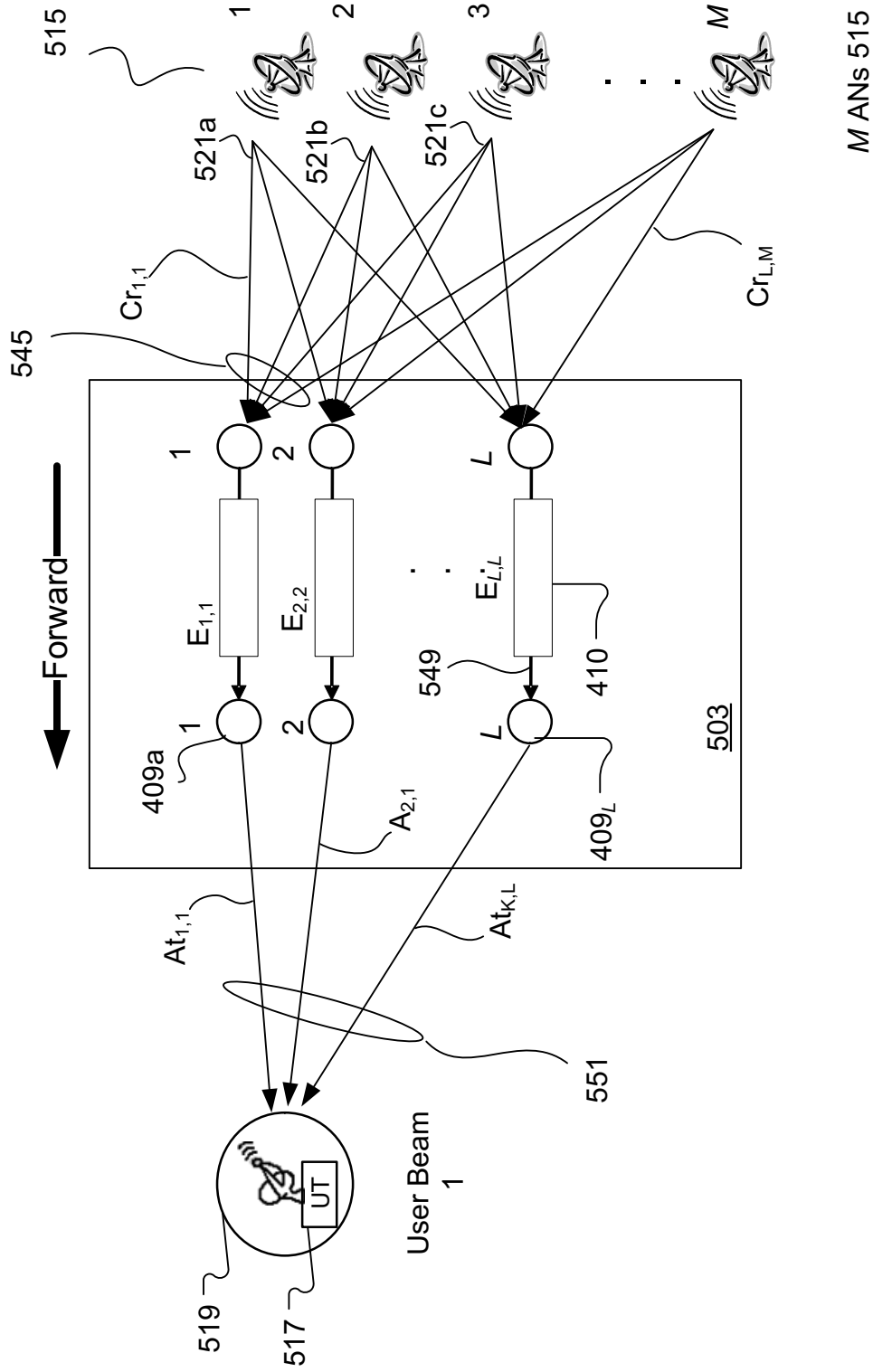


FIG. 10

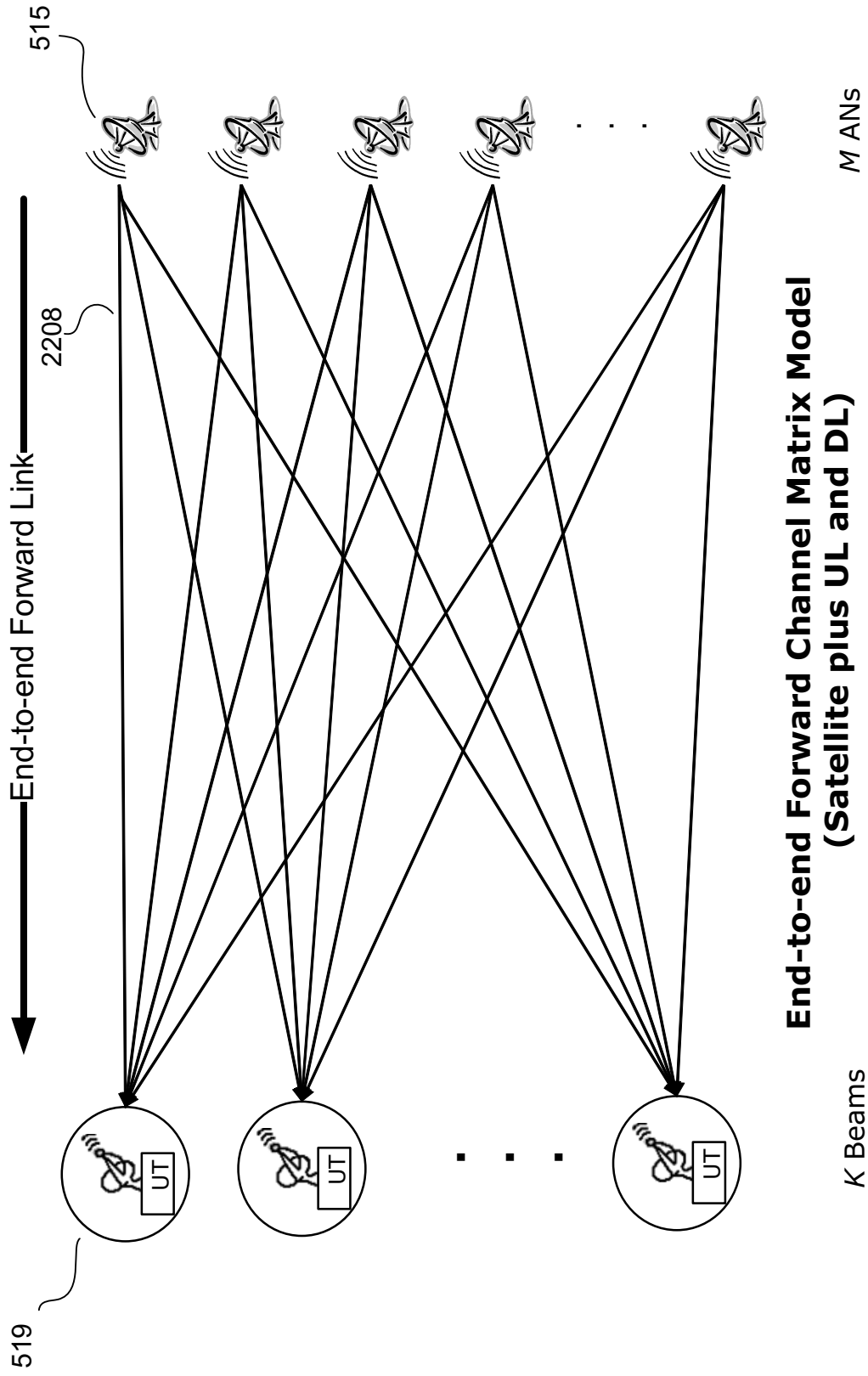


FIG. 11

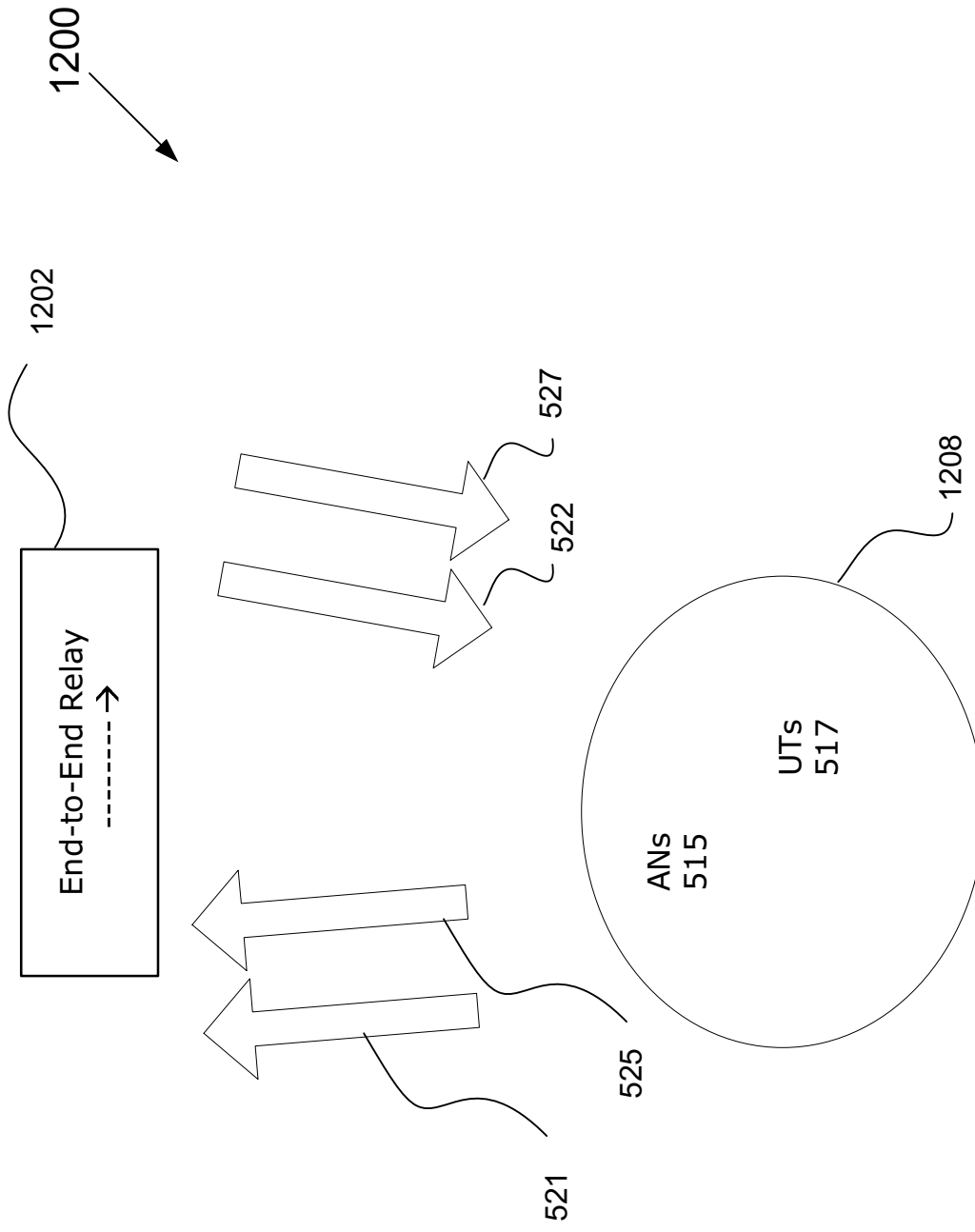


FIG. 12

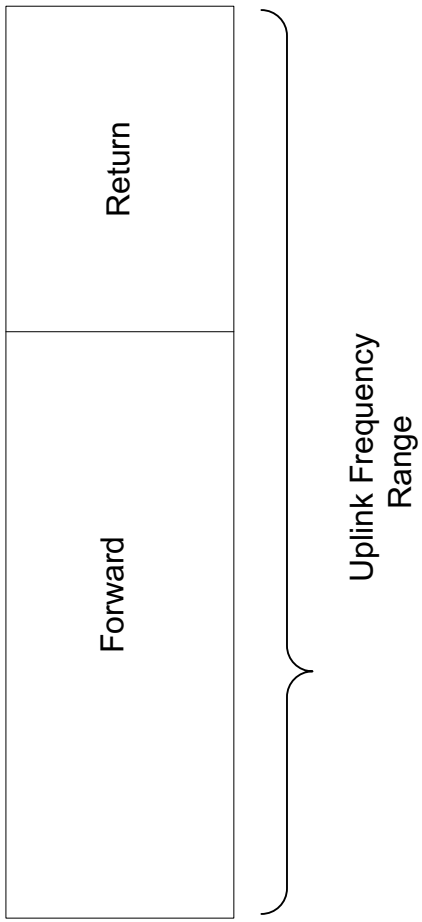


FIG. 13

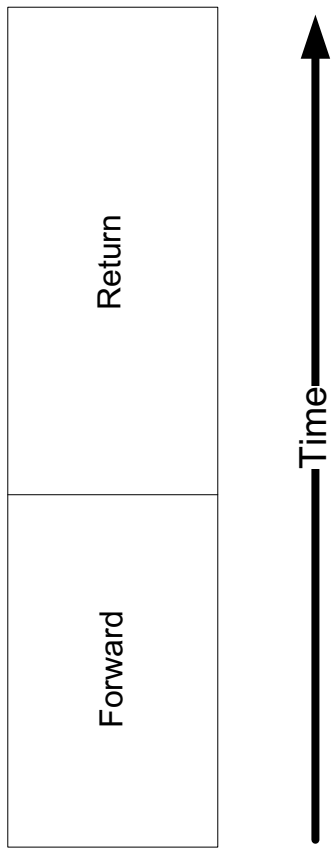


FIG. 14

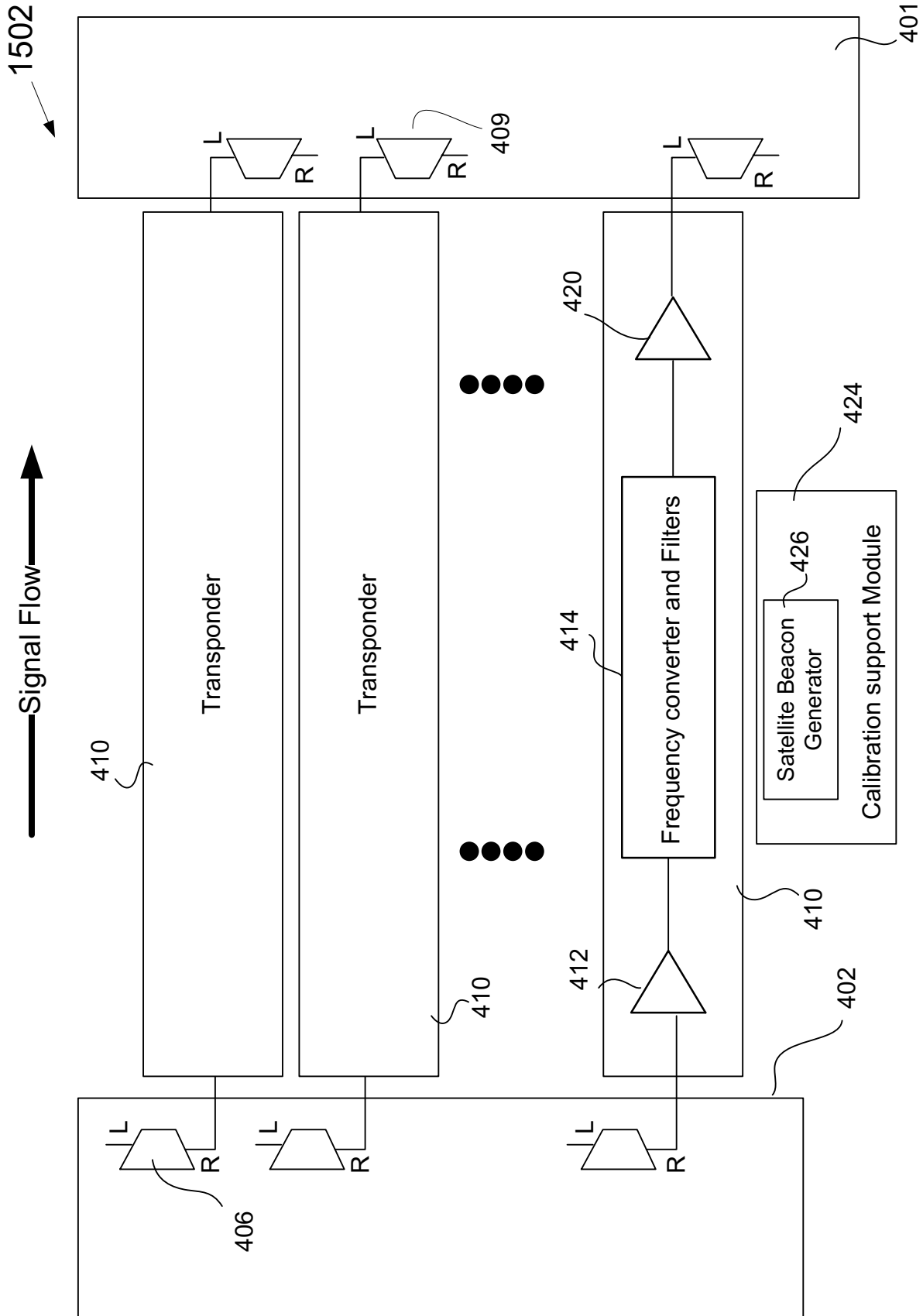


FIG. 15

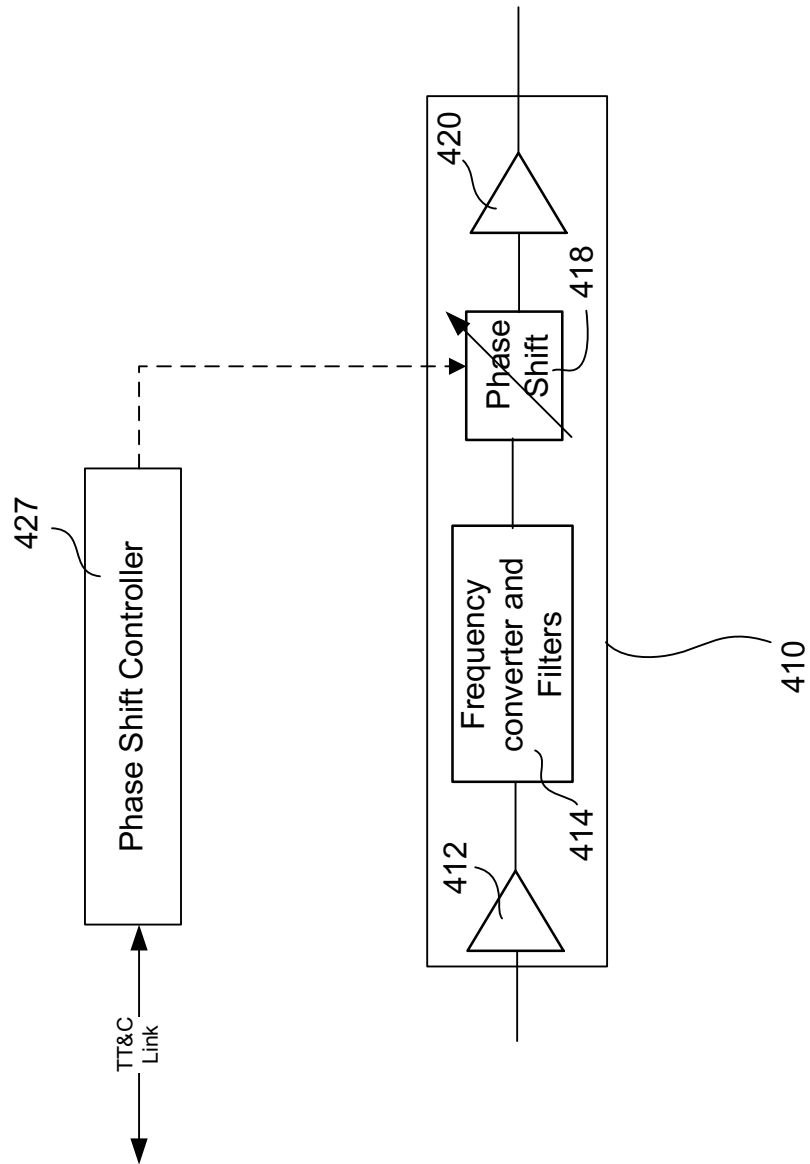


FIG. 16

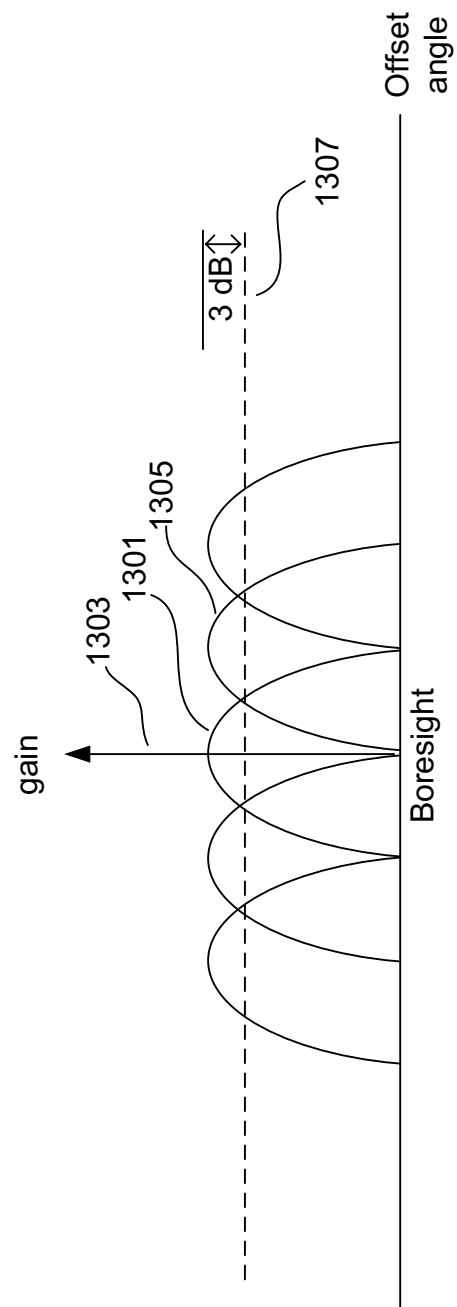


FIG. 17

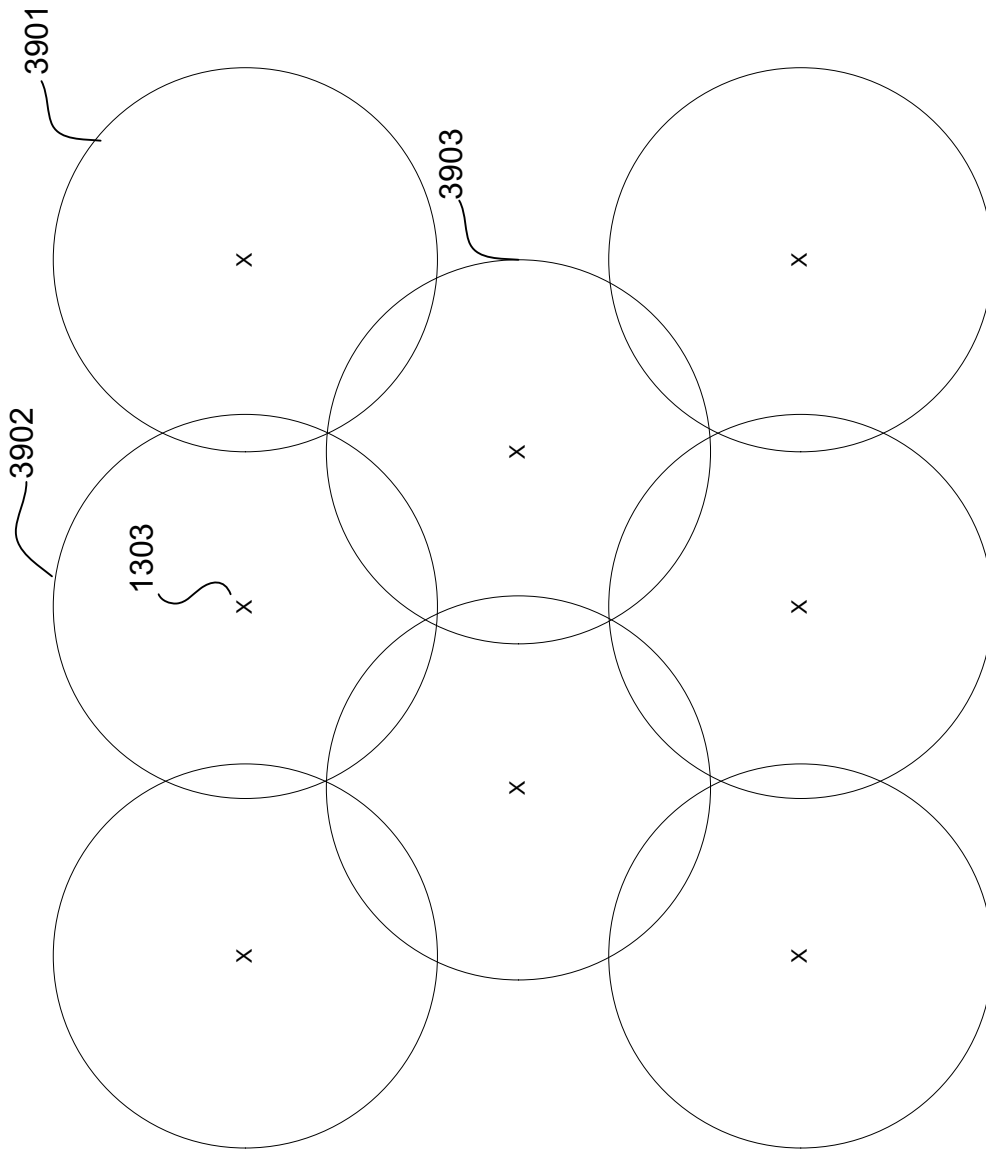


FIG. 18

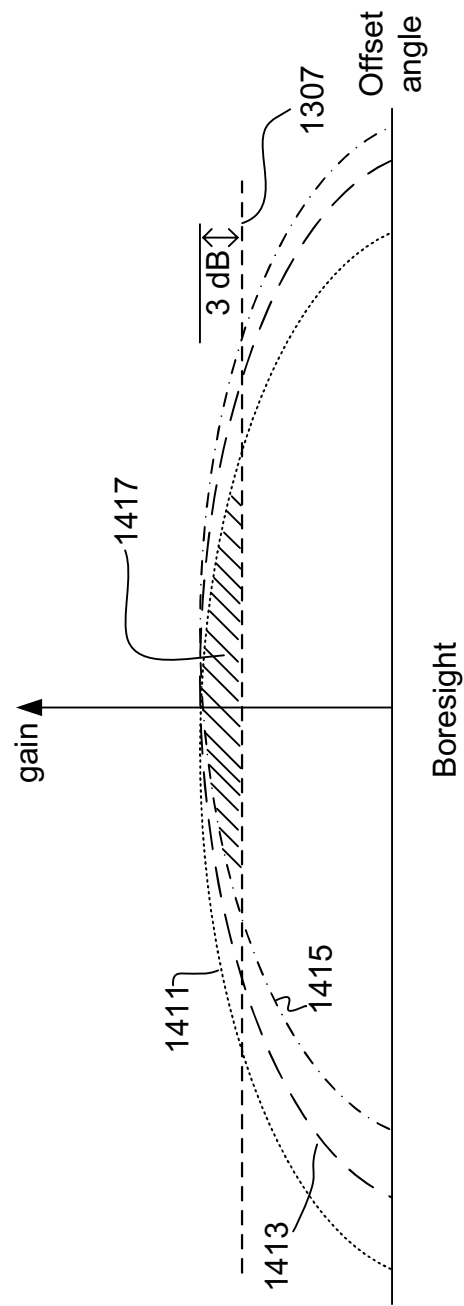


FIG. 19

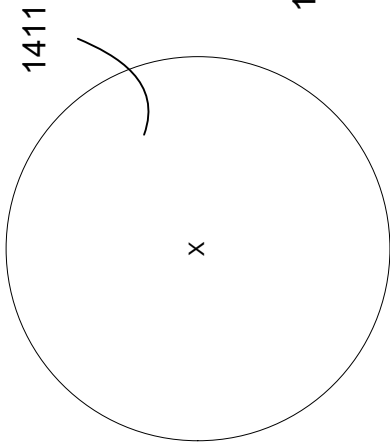


FIG. 20A

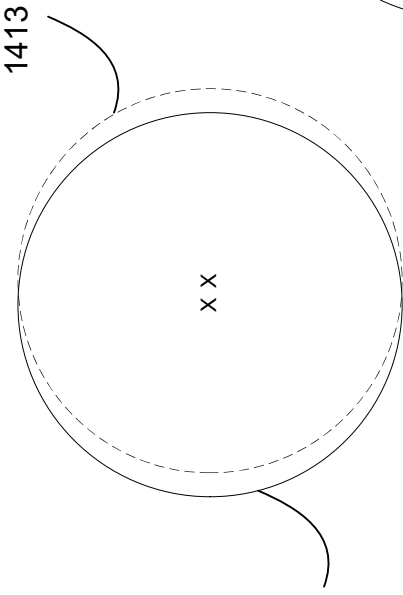


FIG. 20B

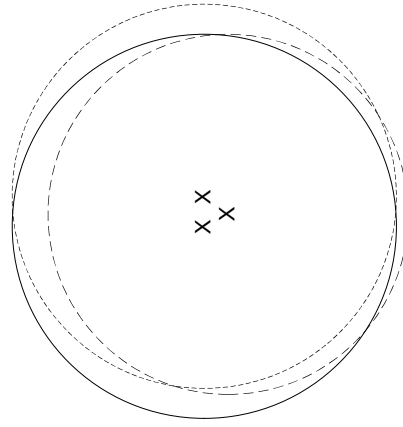


FIG. 20C

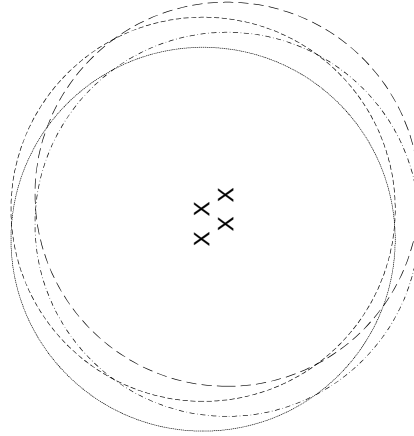


FIG. 20D

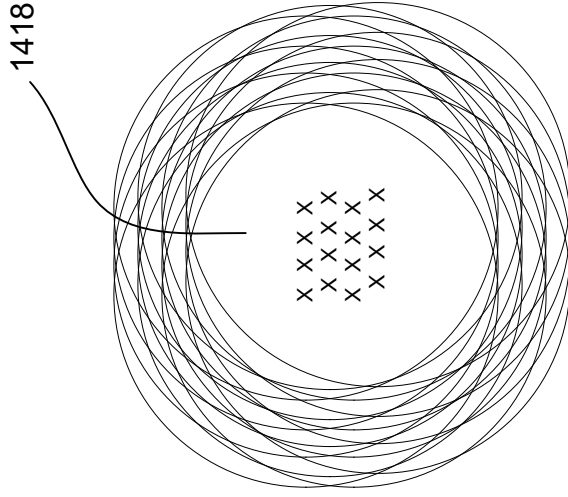


FIG. 20E

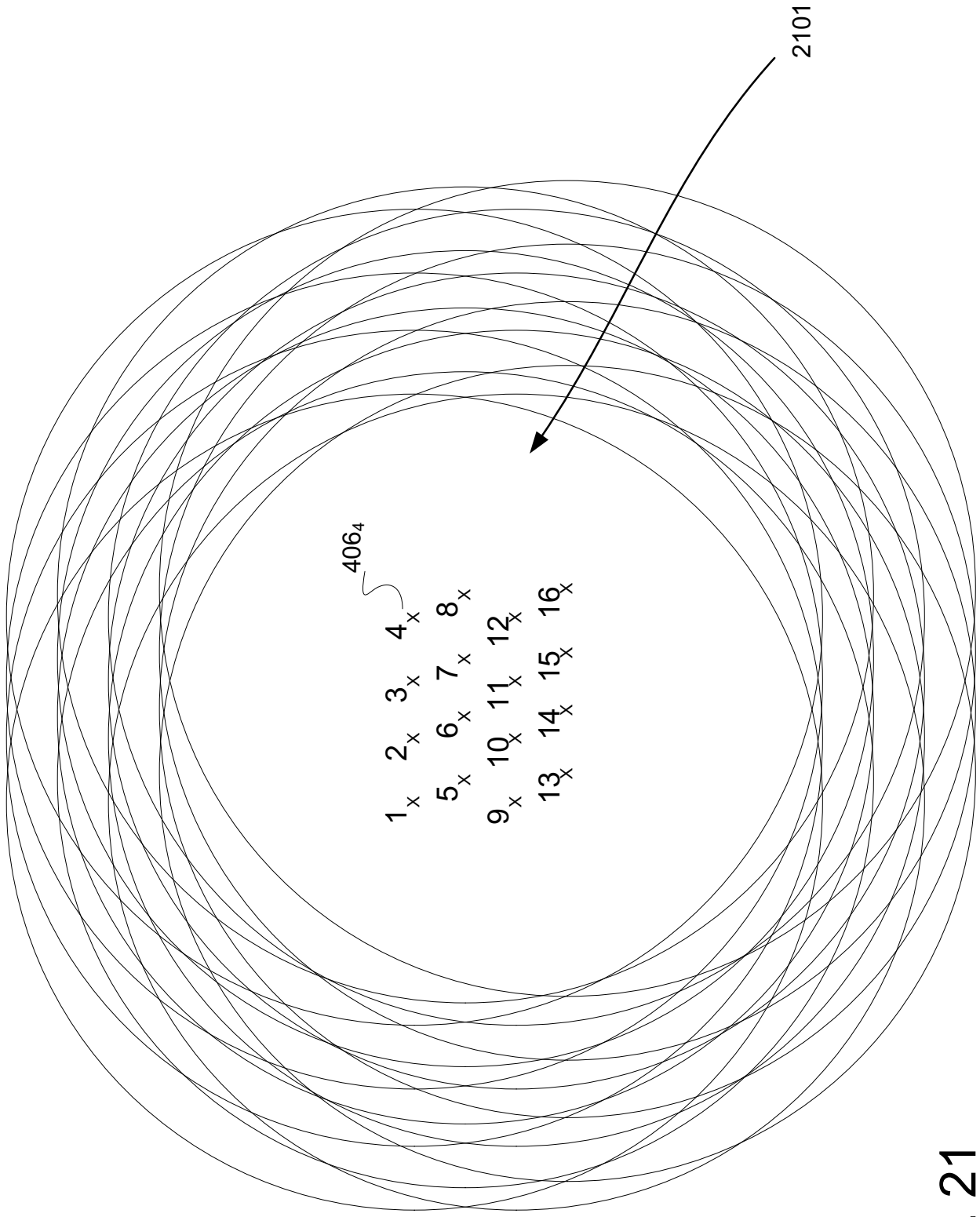


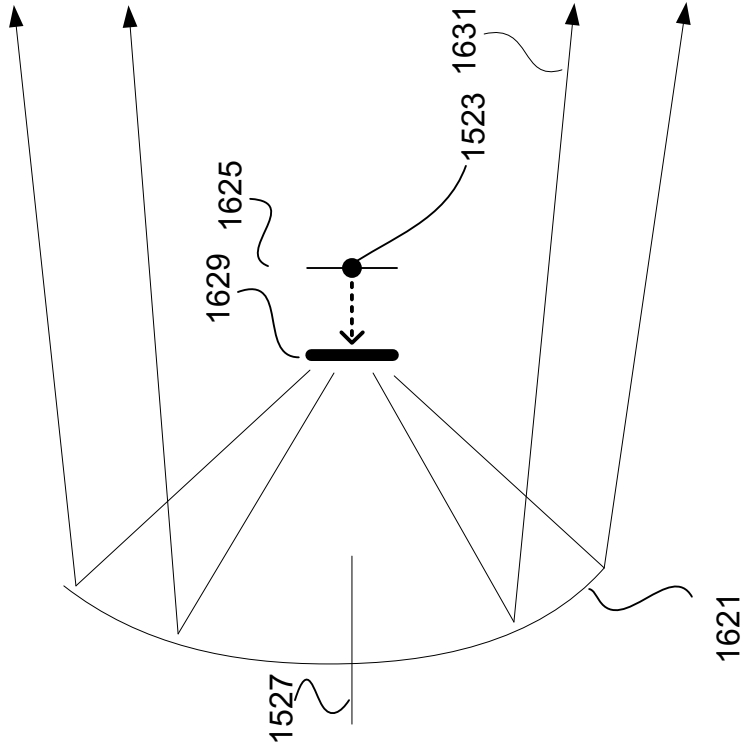
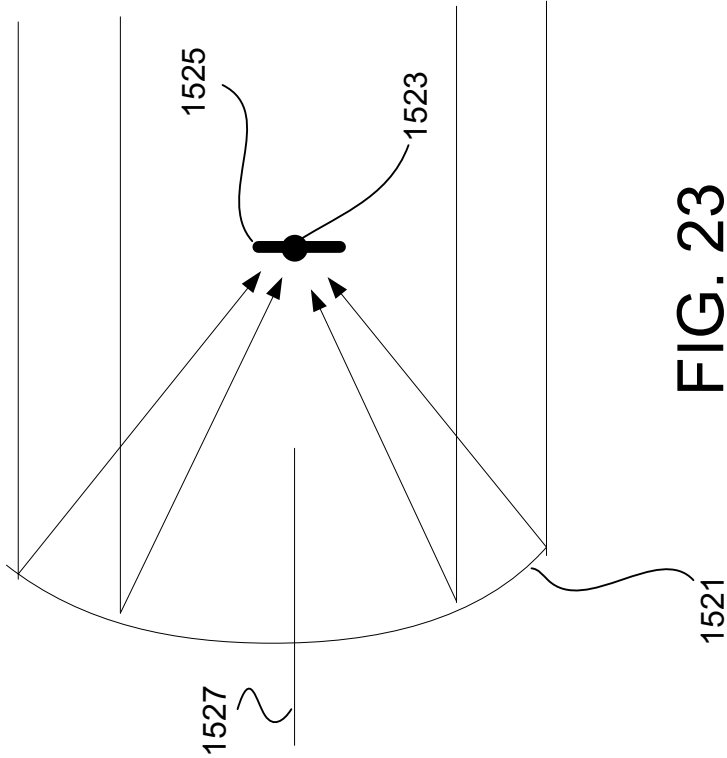
FIG. 21

4202

4200

Transponder	4204		4206		4208	
	RX ELEMENT	TX ELEMENT	DIRECT MAPPING	TX ELEMENT	INTERLEAVED MAPPING	TX ELEMENT
1	1	1		1		10
2	2	2		2		9
3	3	3		3		4
4	4	4		4		16
5	5	5		5		1
6	6	6		6		14
7	7	7		7		3
8	8	8		8		12
9	9	9		9		13
10	10	10		10		15
11	11	11		11		8
12	12	12		12		5
13	13	13		13		11
14	14	14		14		6
15	15	15		15		2
16	16	16		16		7

FIG. 22



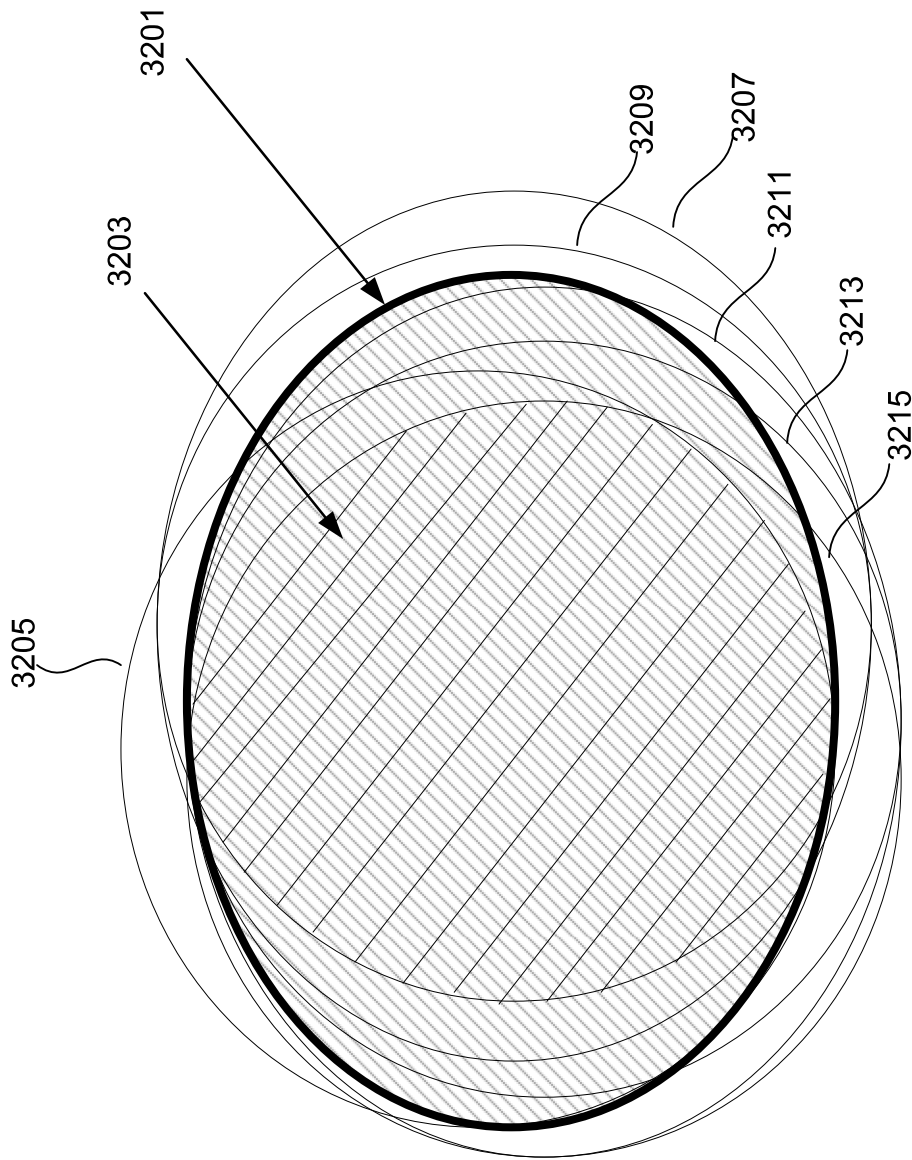


FIG. 25

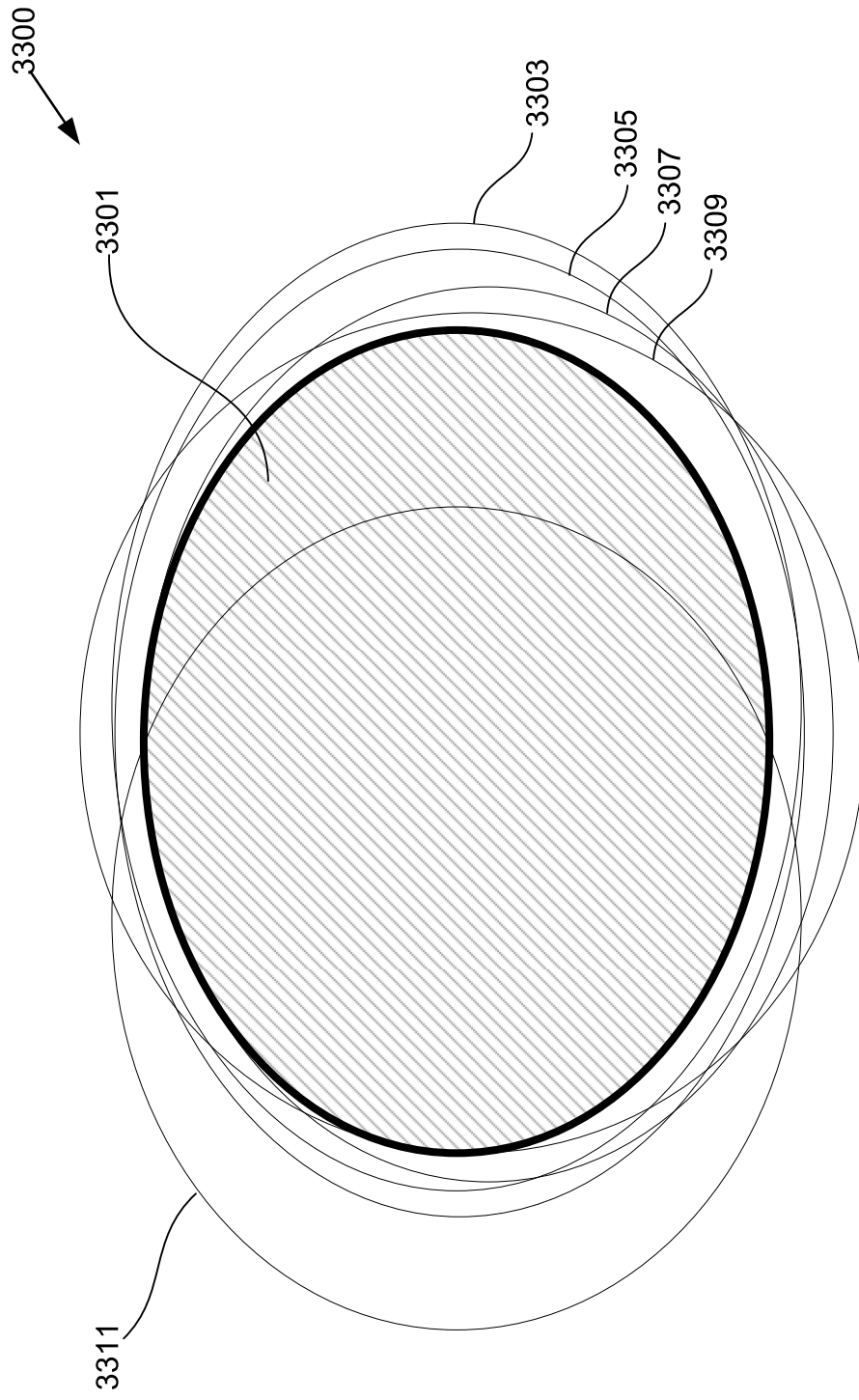


FIG. 26

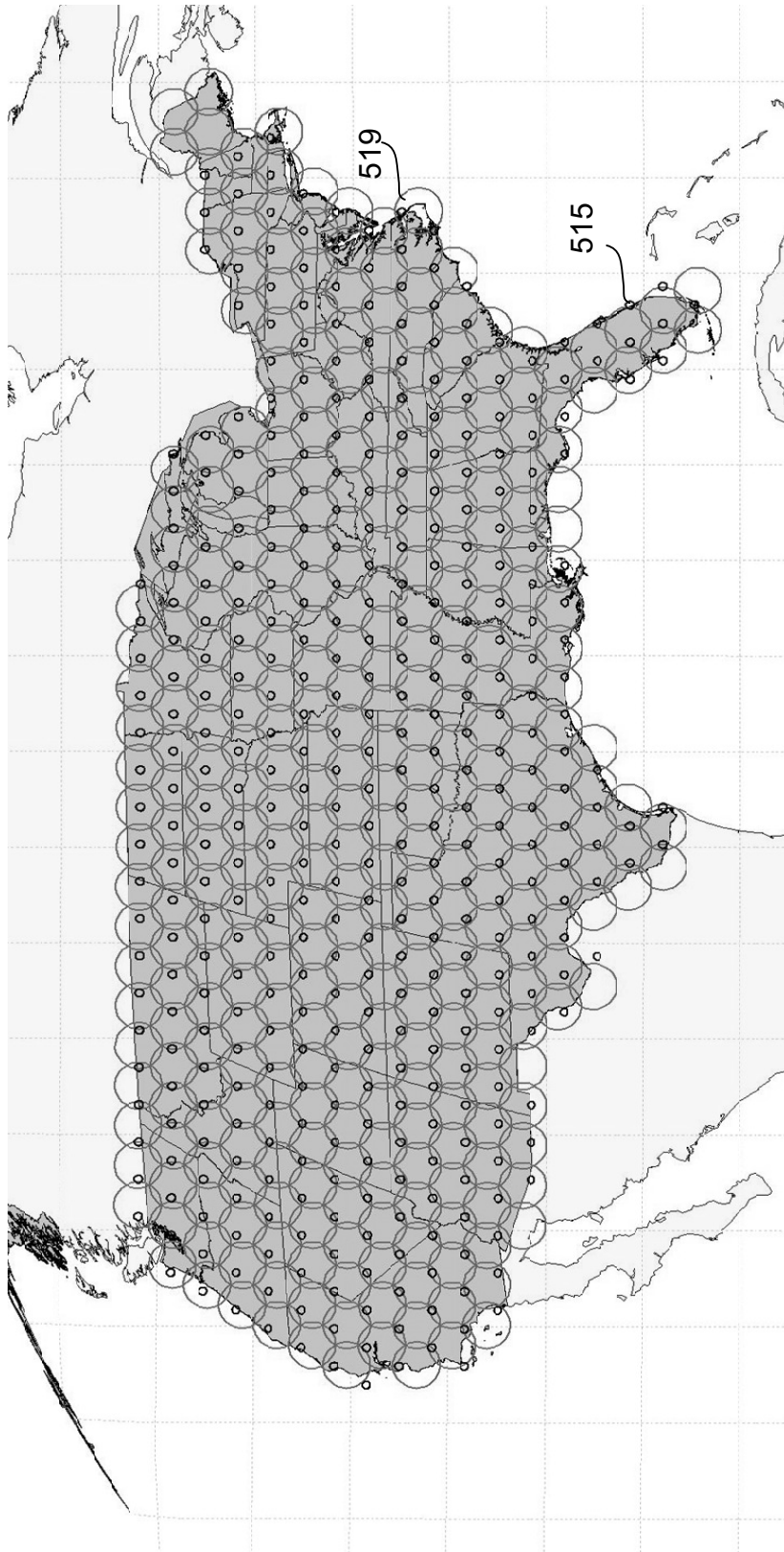


FIG. 27

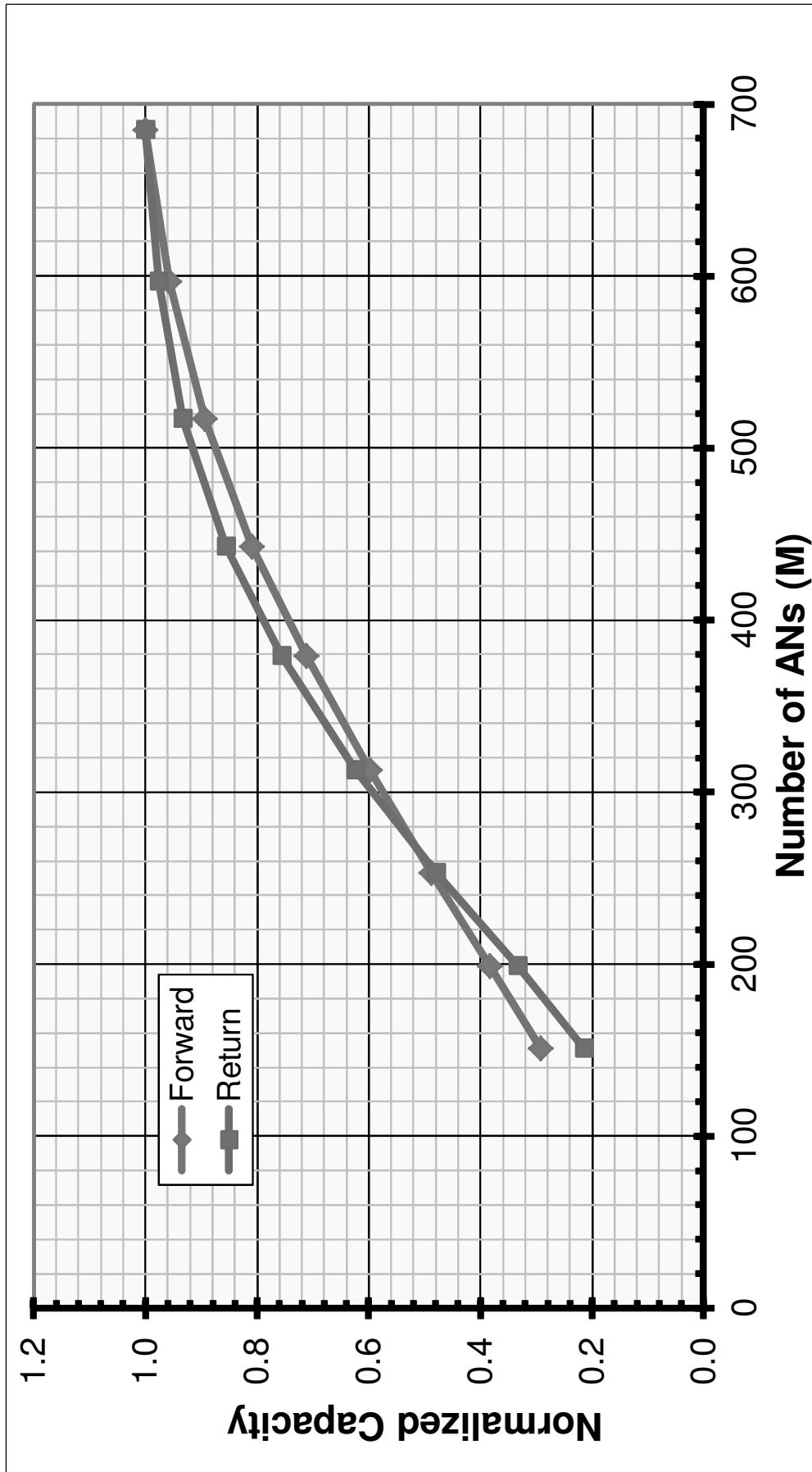


FIG. 28

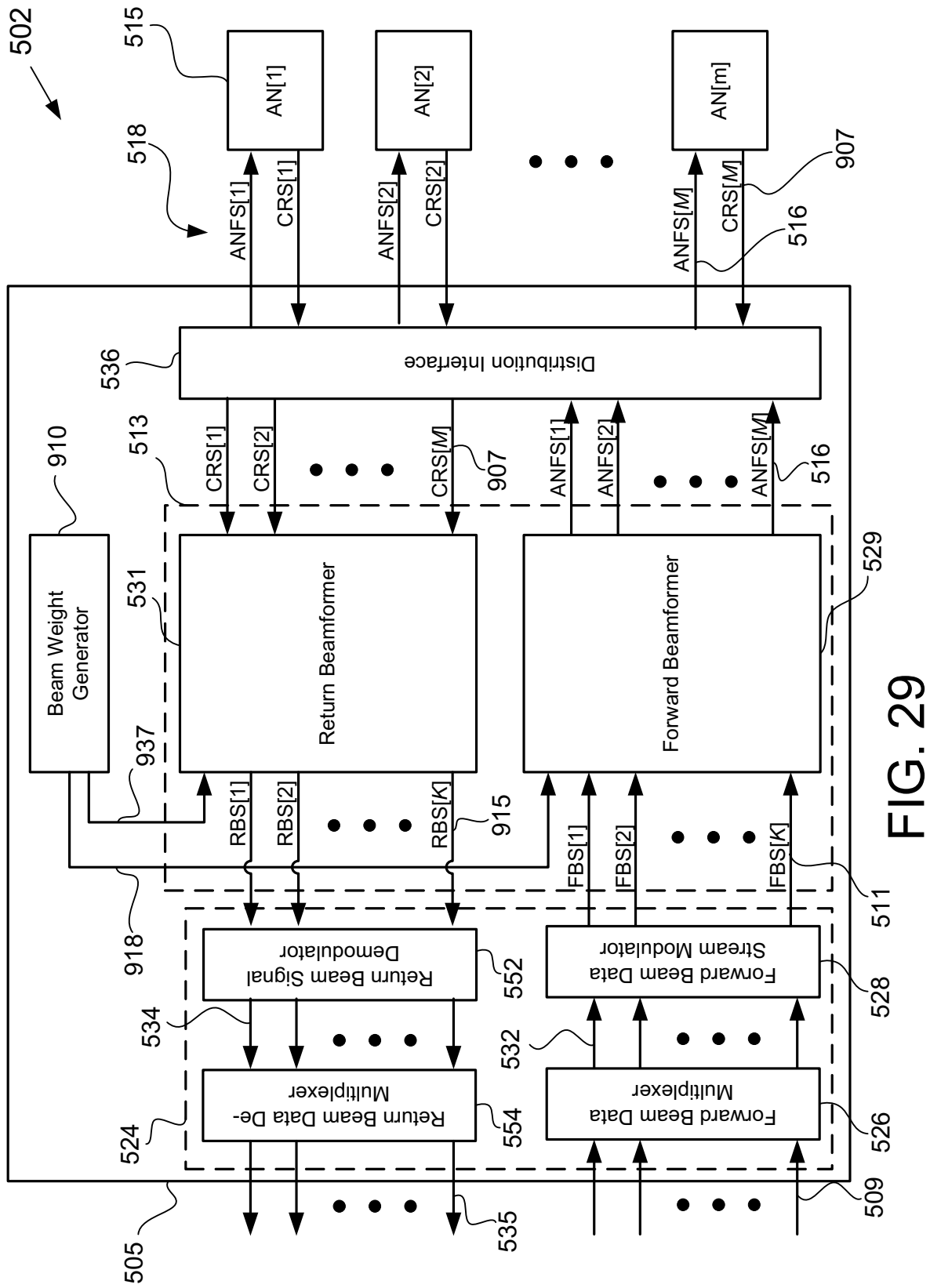


FIG. 29

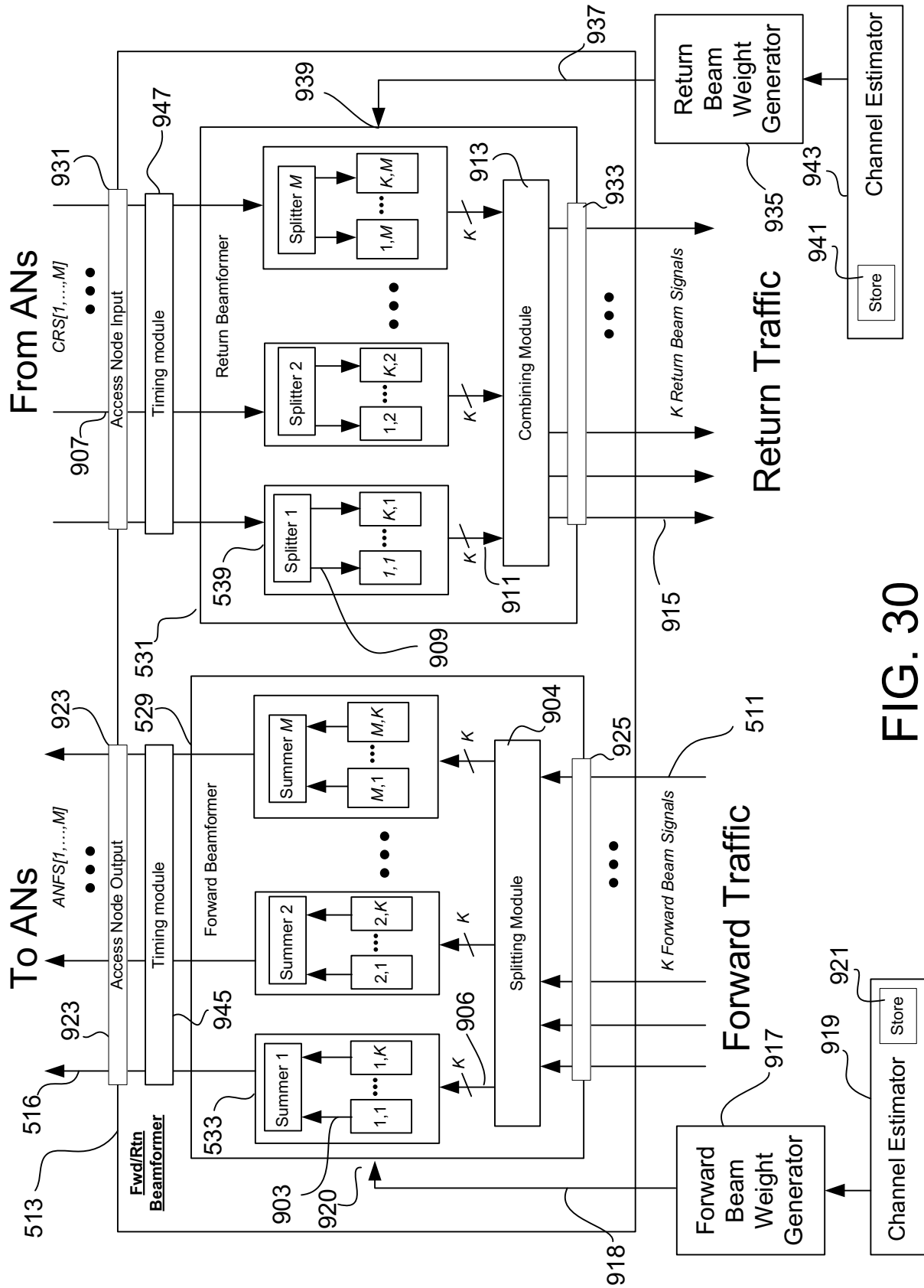


FIG. 30

529

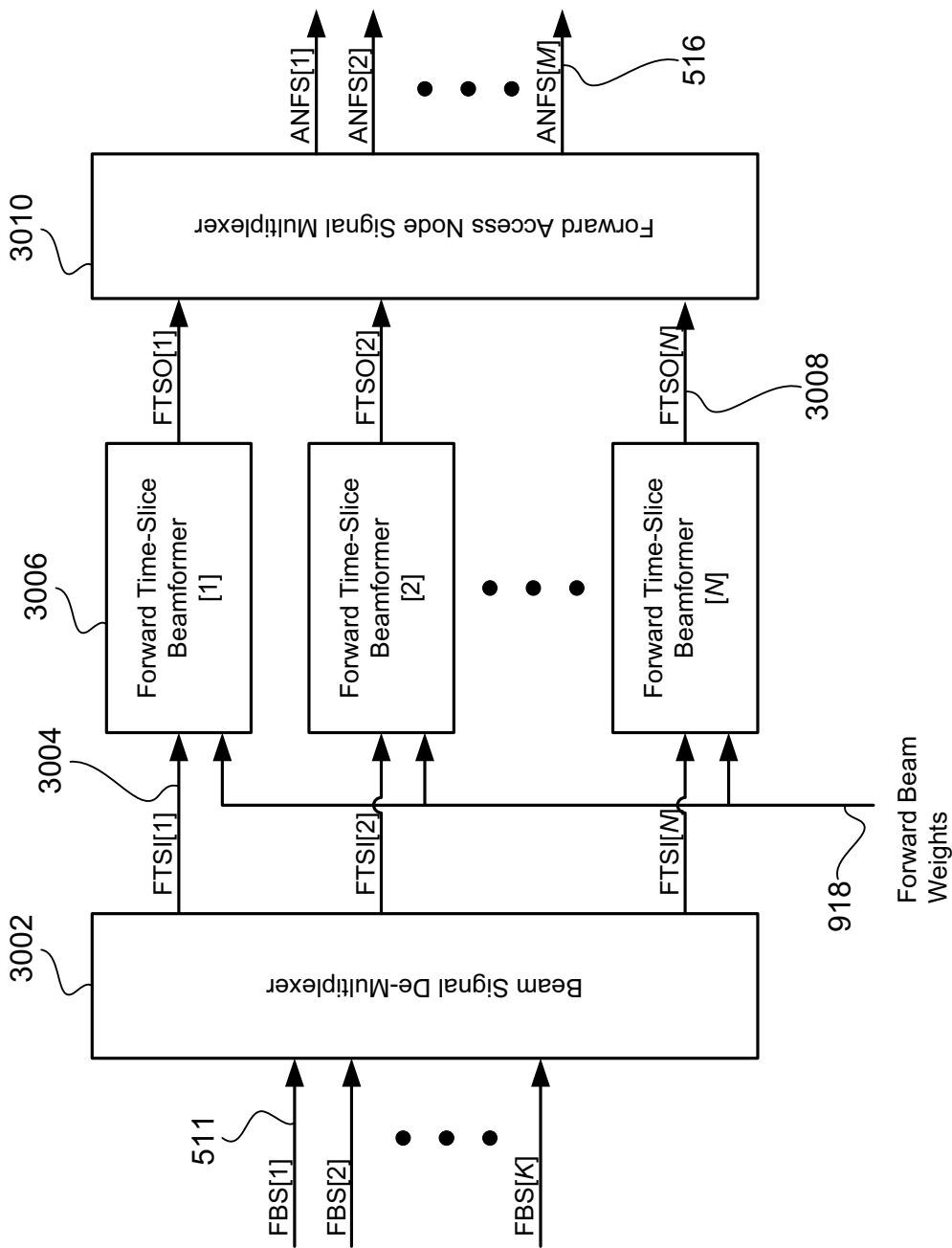


FIG. 31

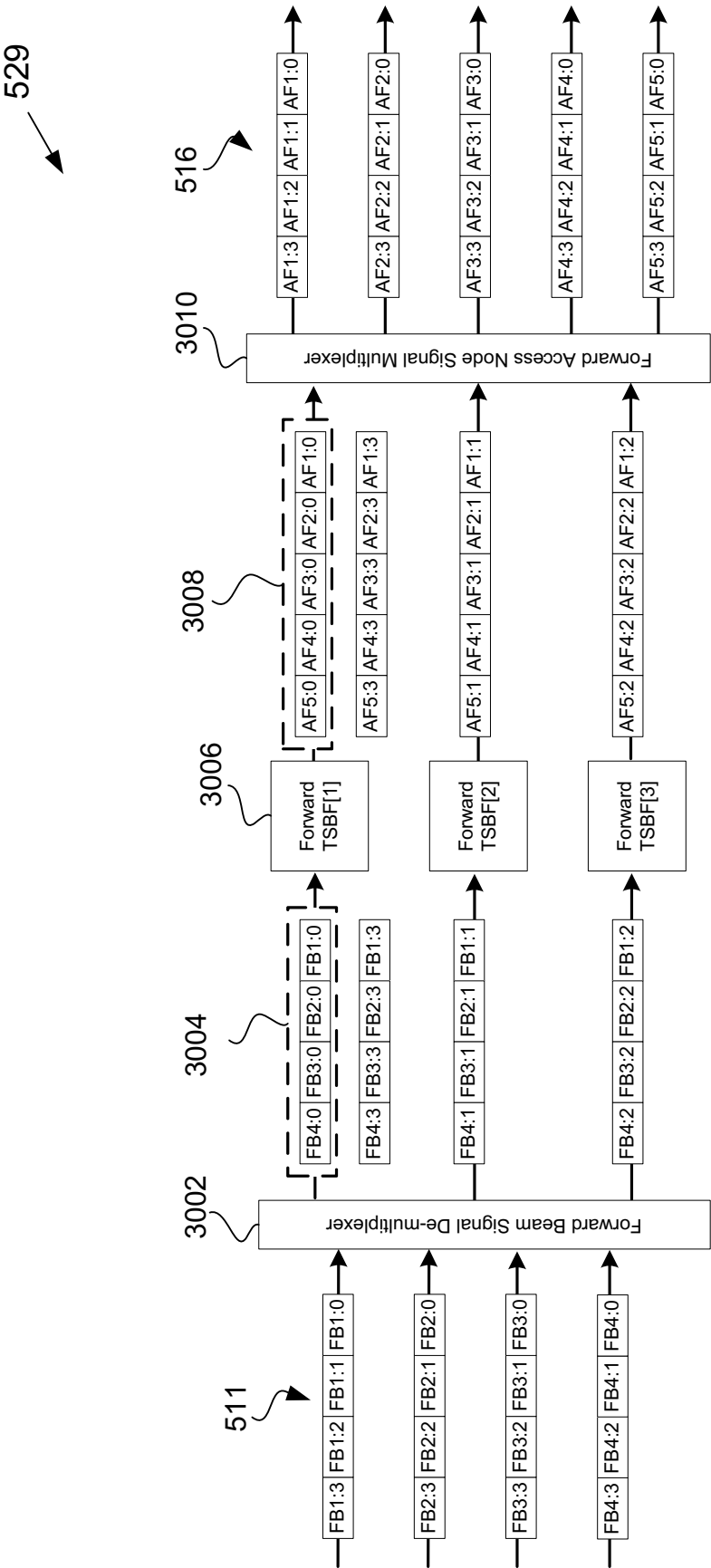


FIG. 32

531

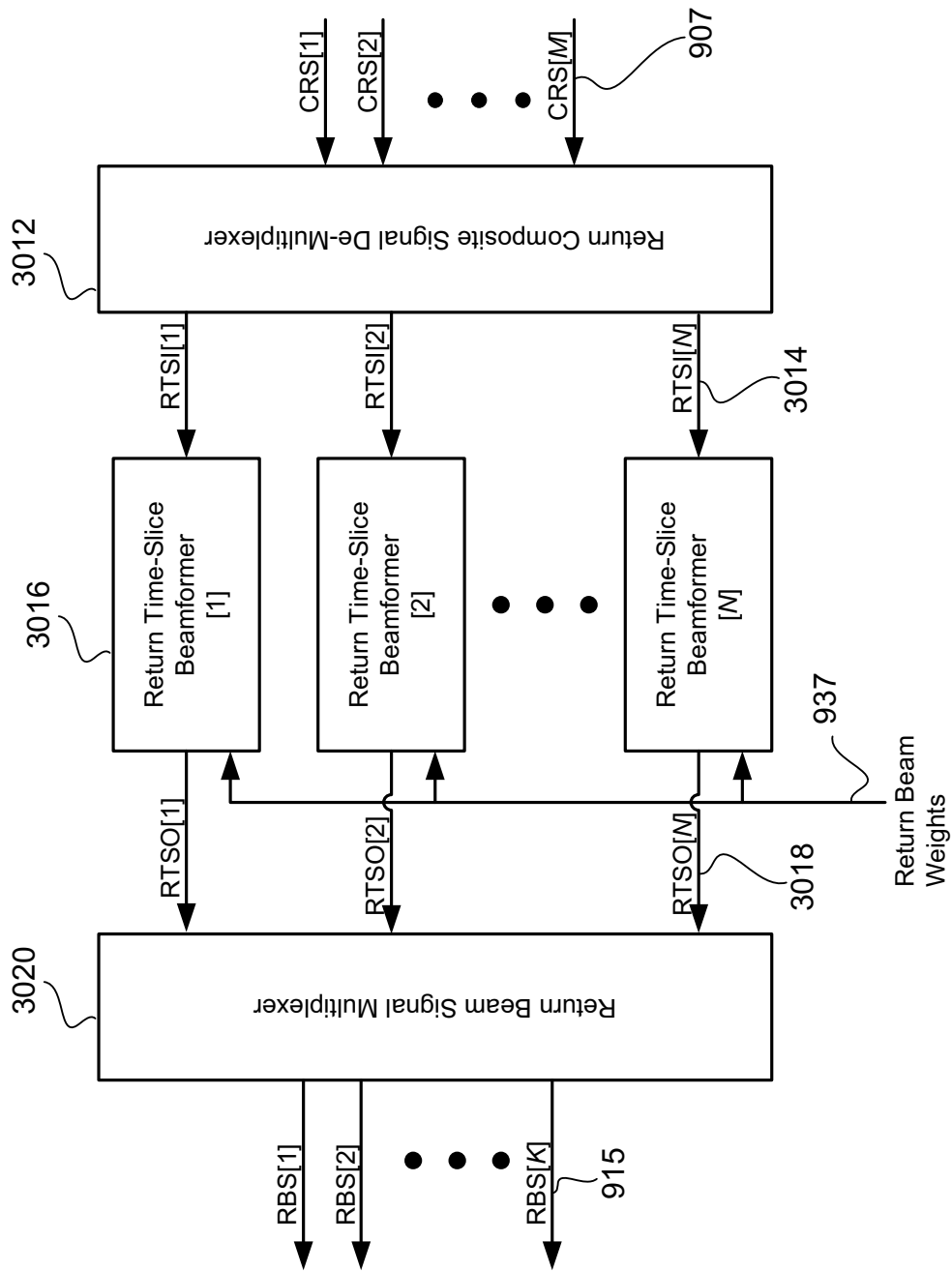


FIG. 33

531

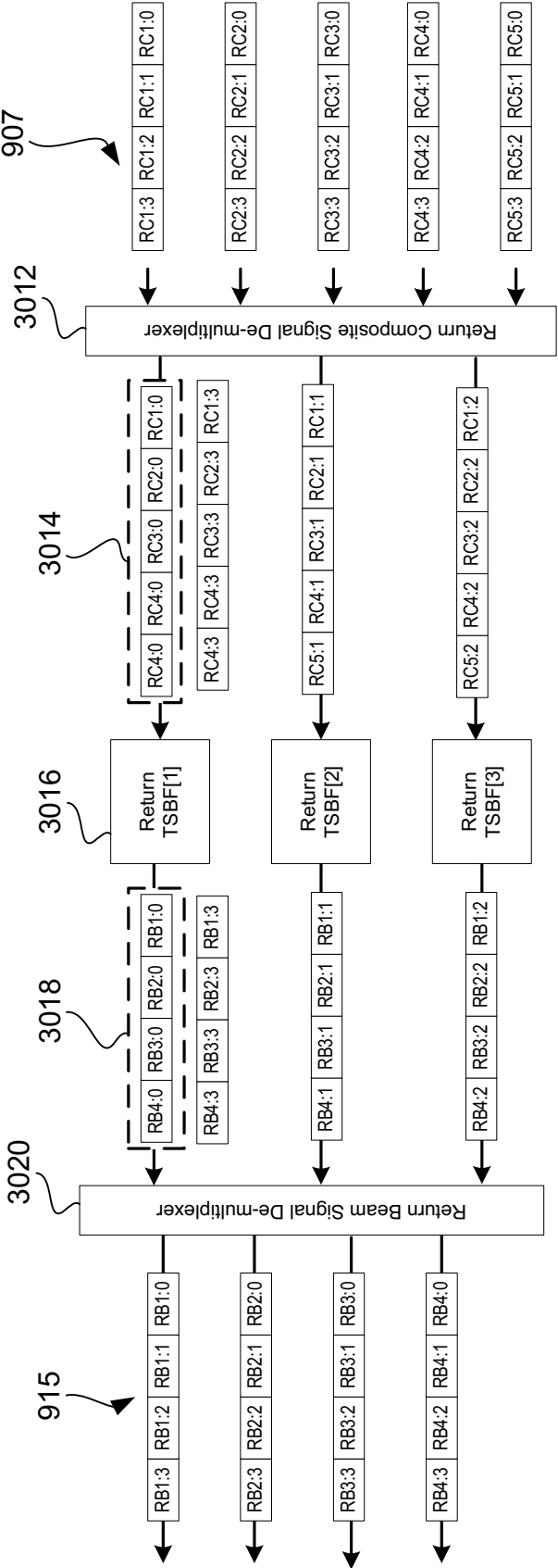


FIG. 34

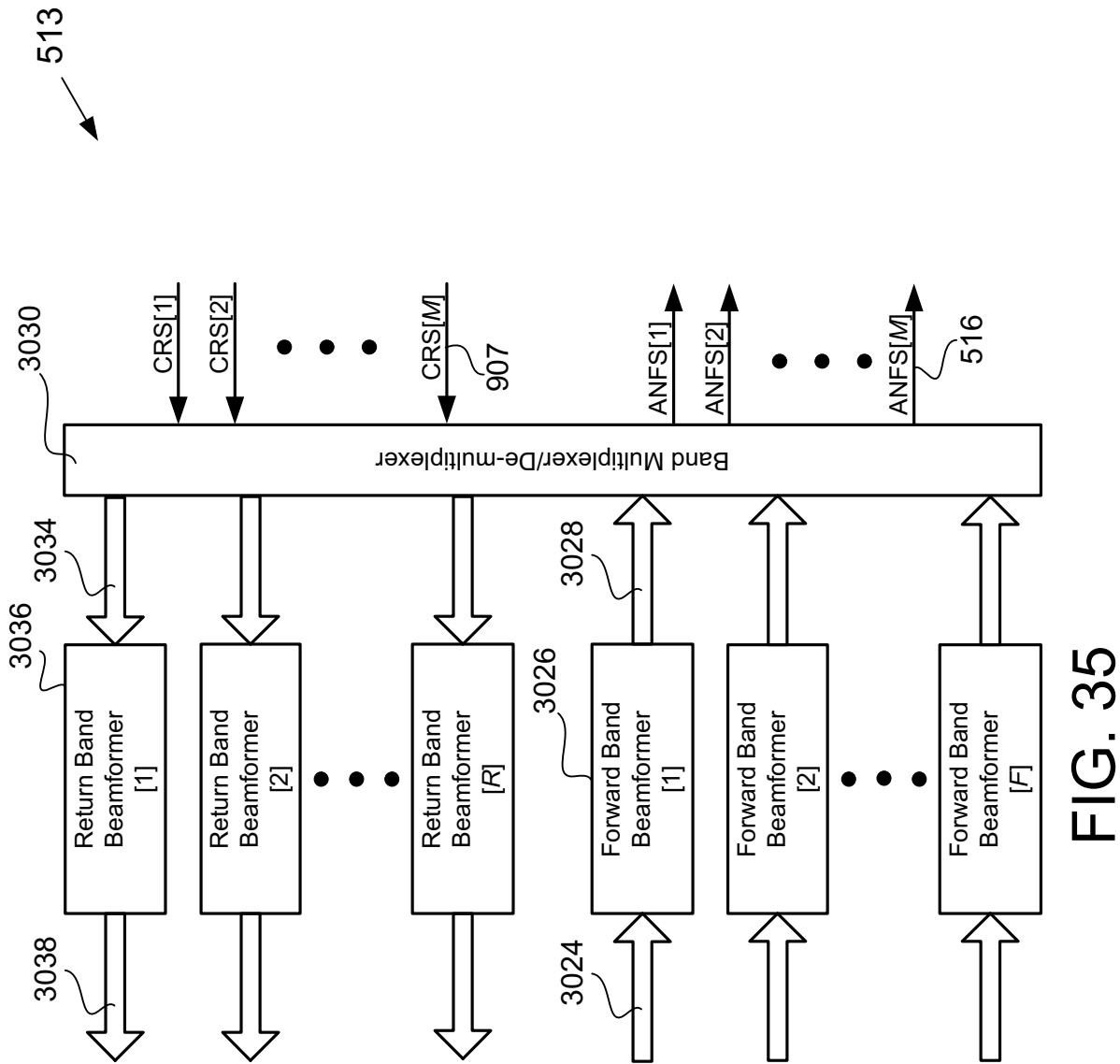


FIG. 35

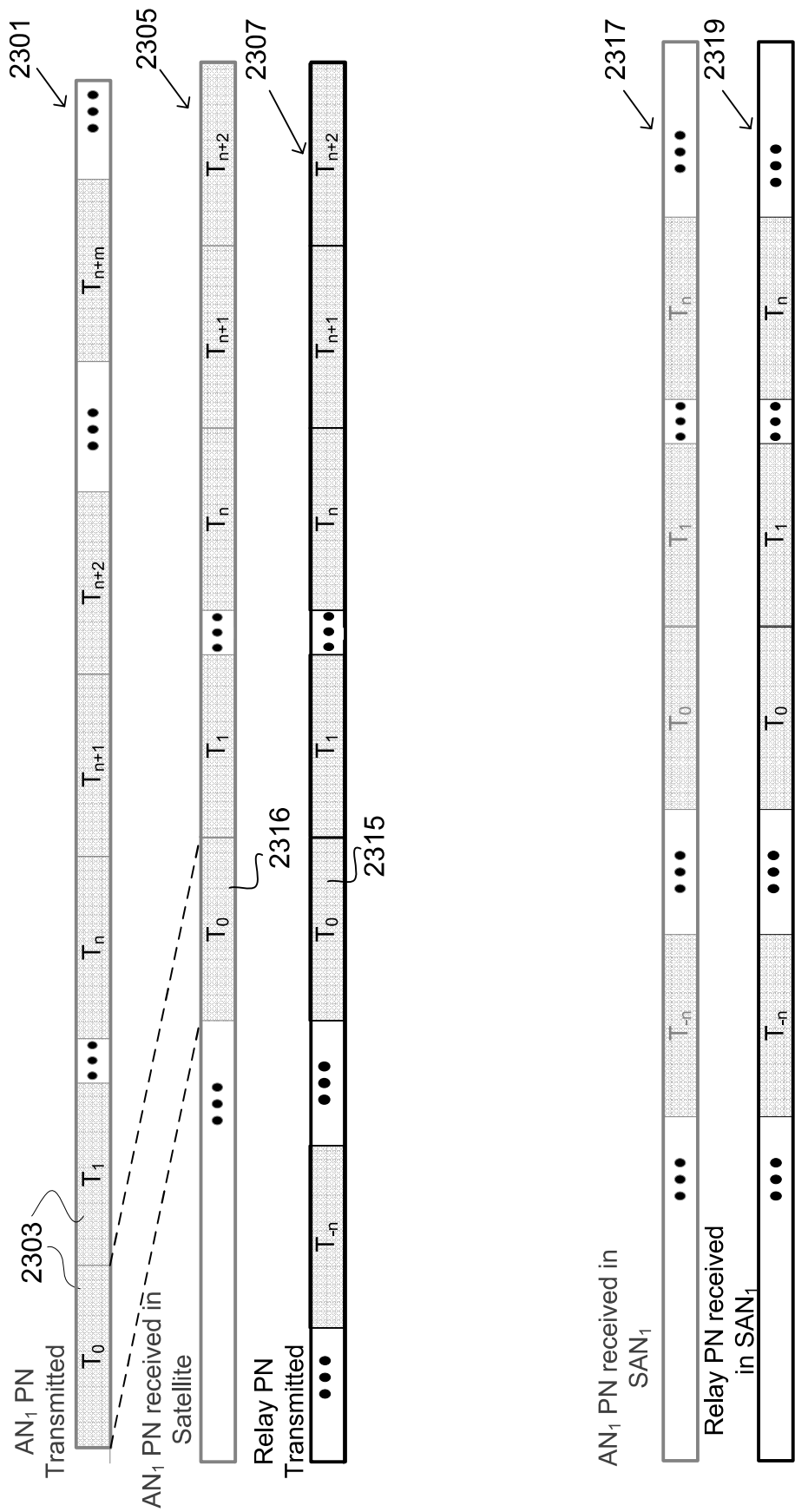


FIG. 36

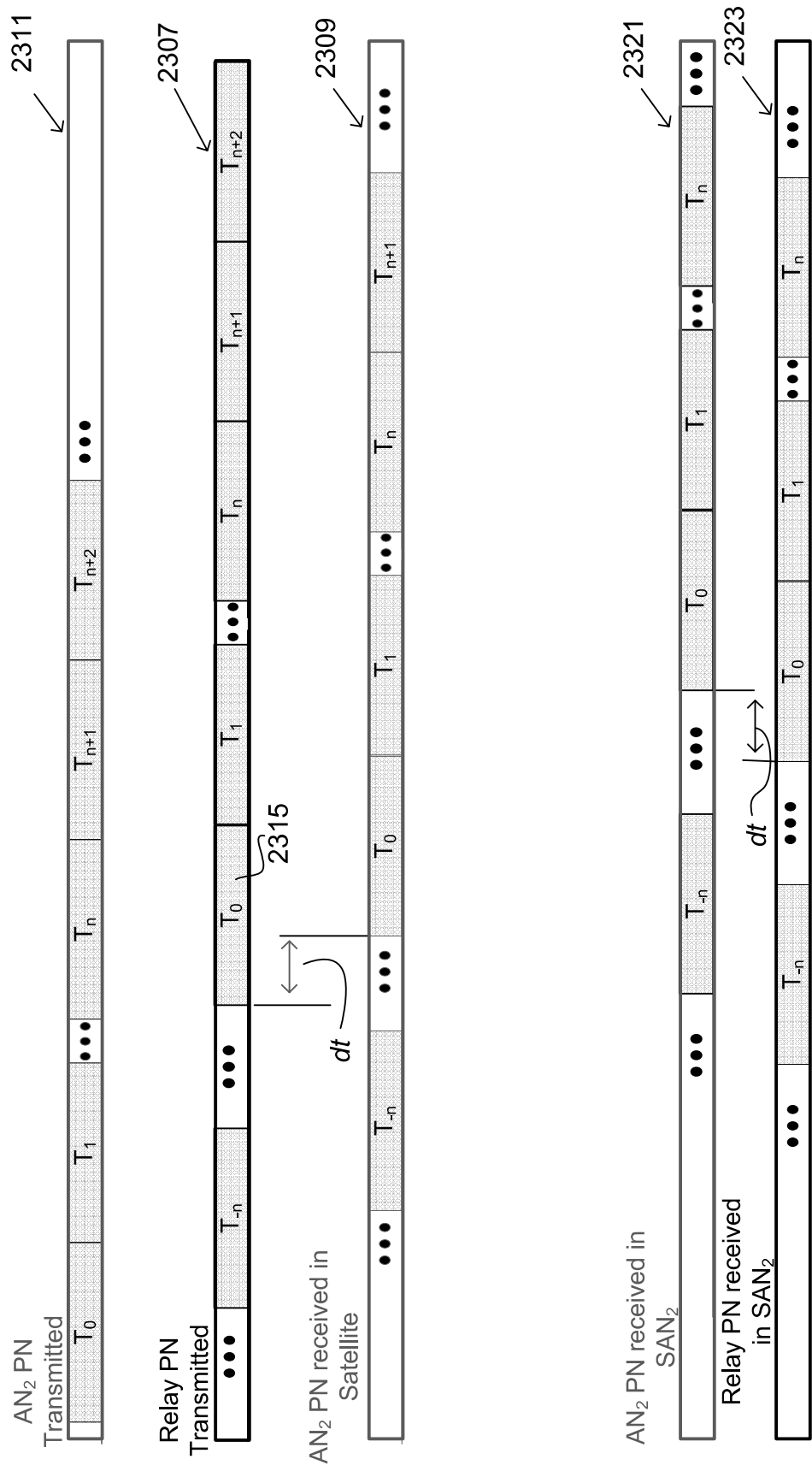


FIG. 37

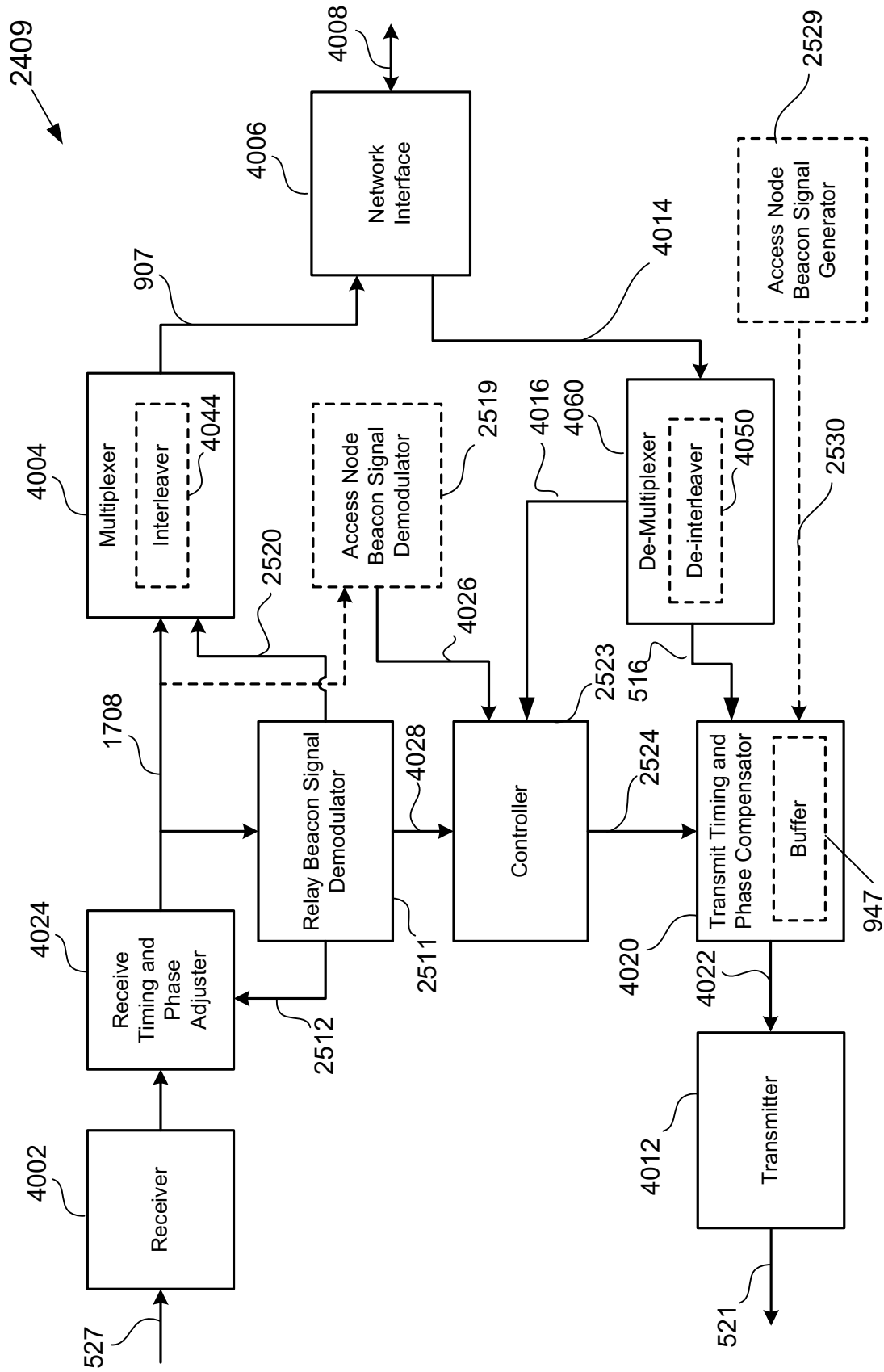


FIG. 38

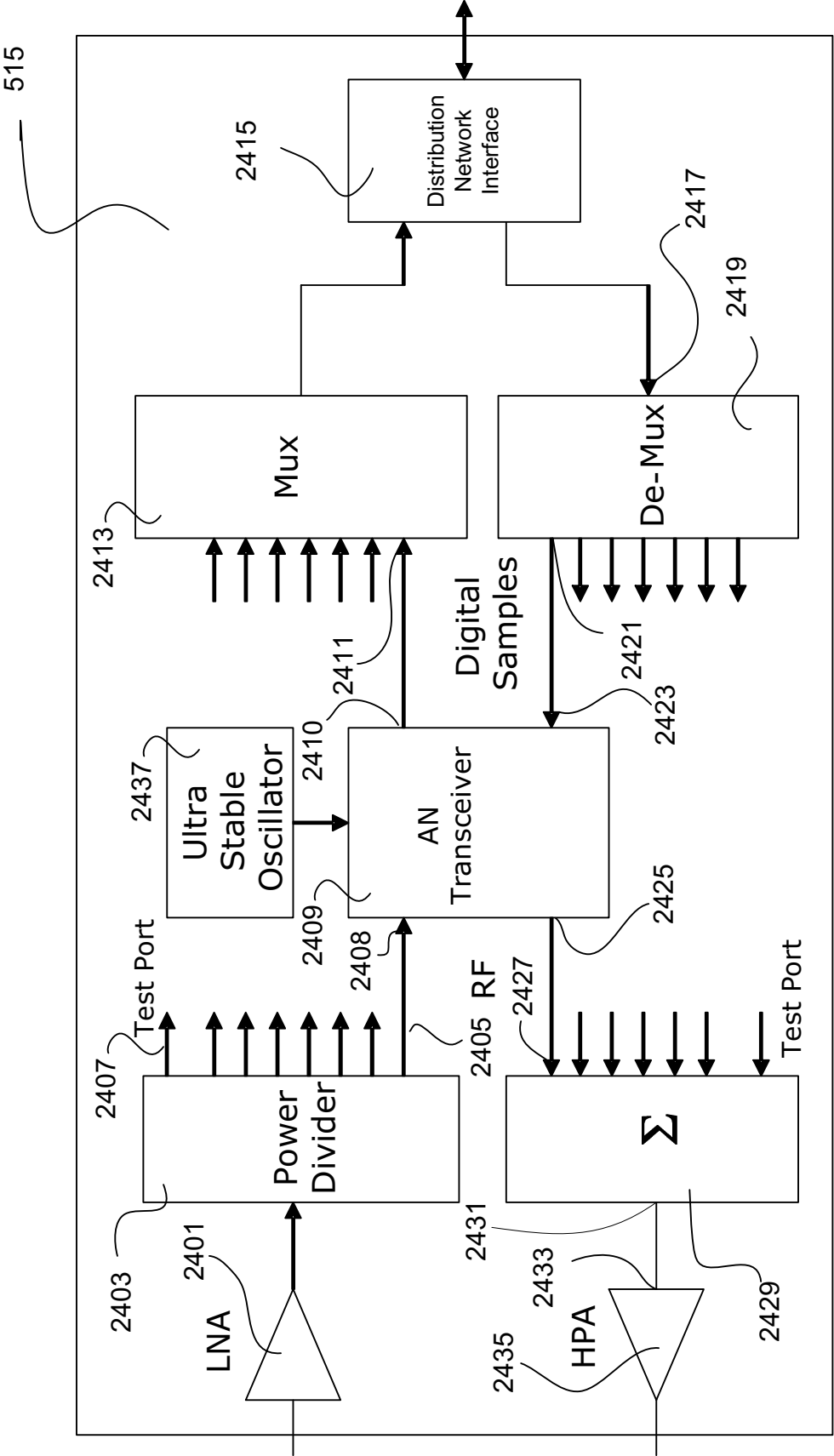


FIG. 40

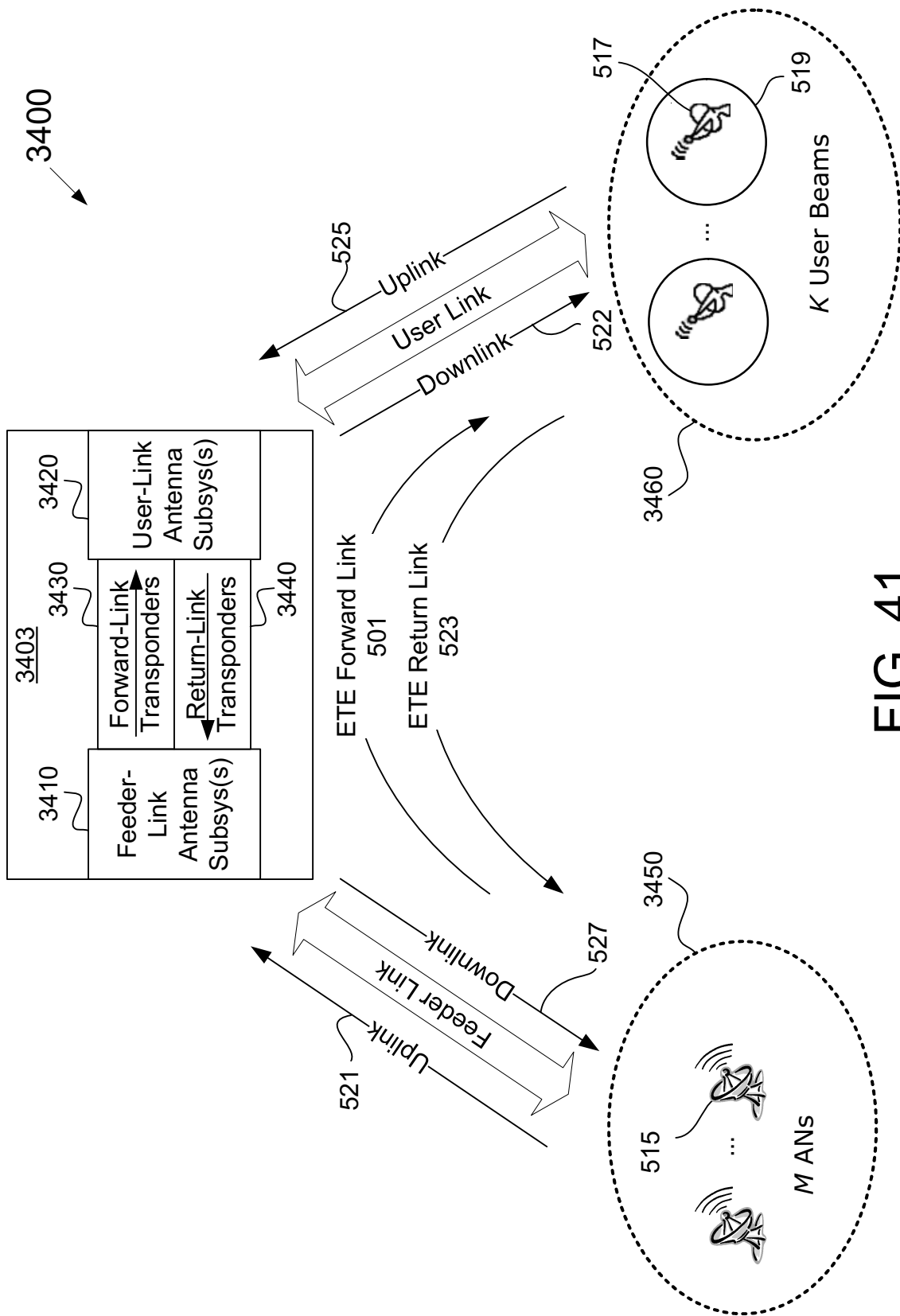


FIG. 41

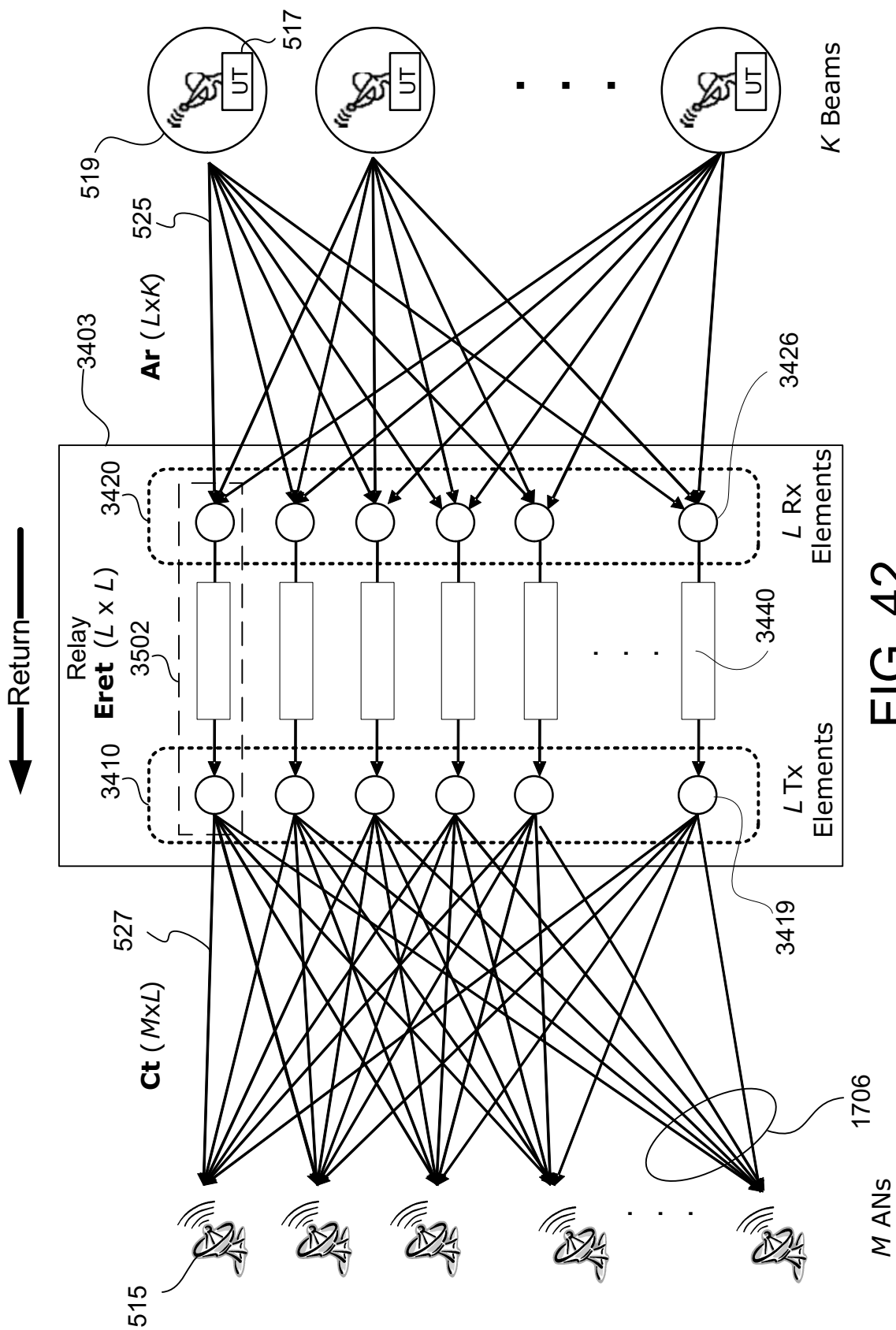


FIG. 42

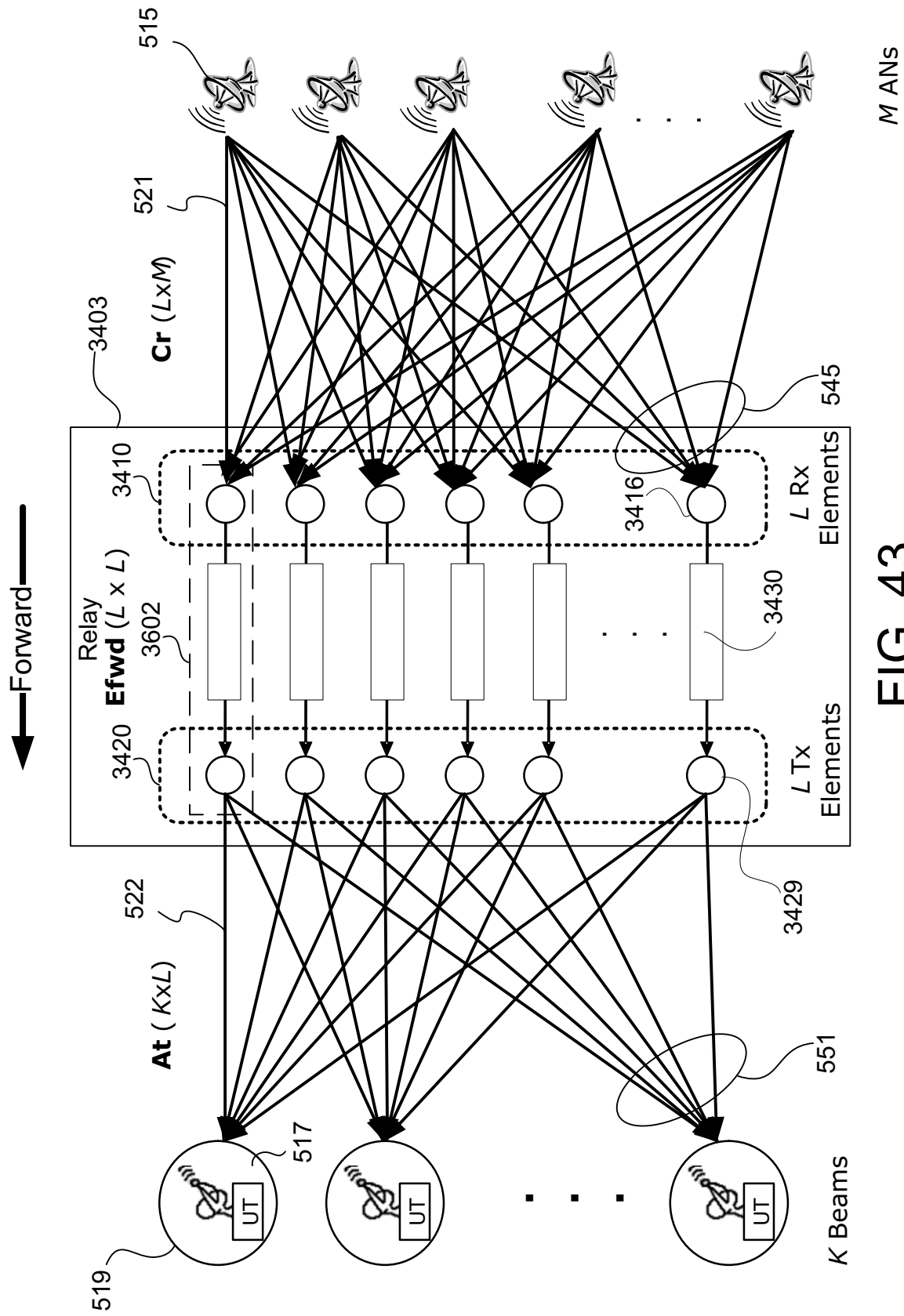


FIG. 43

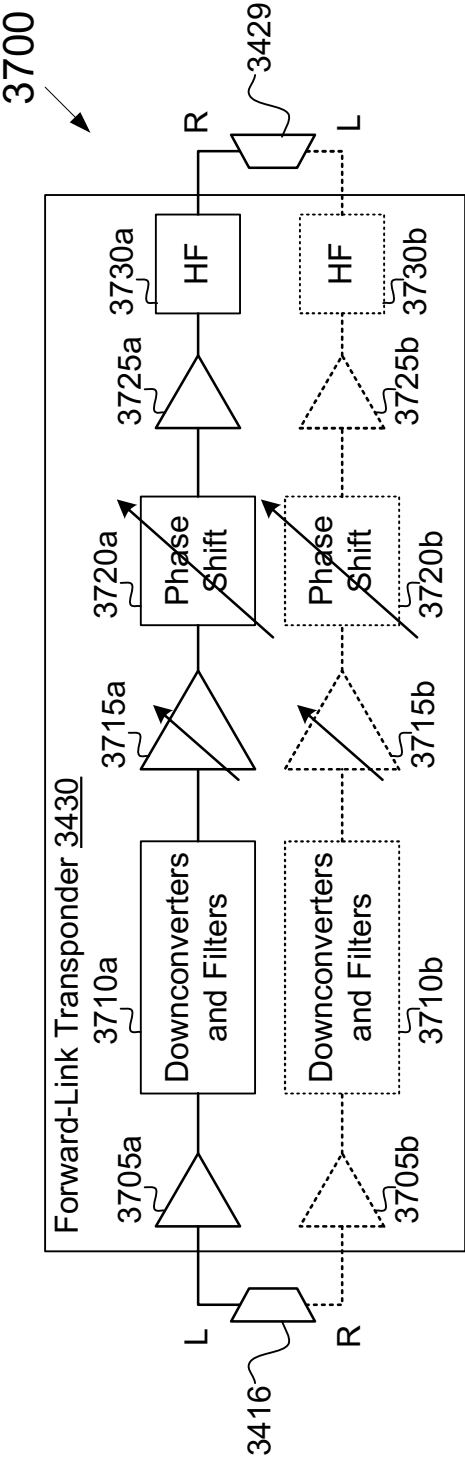


FIG. 44A

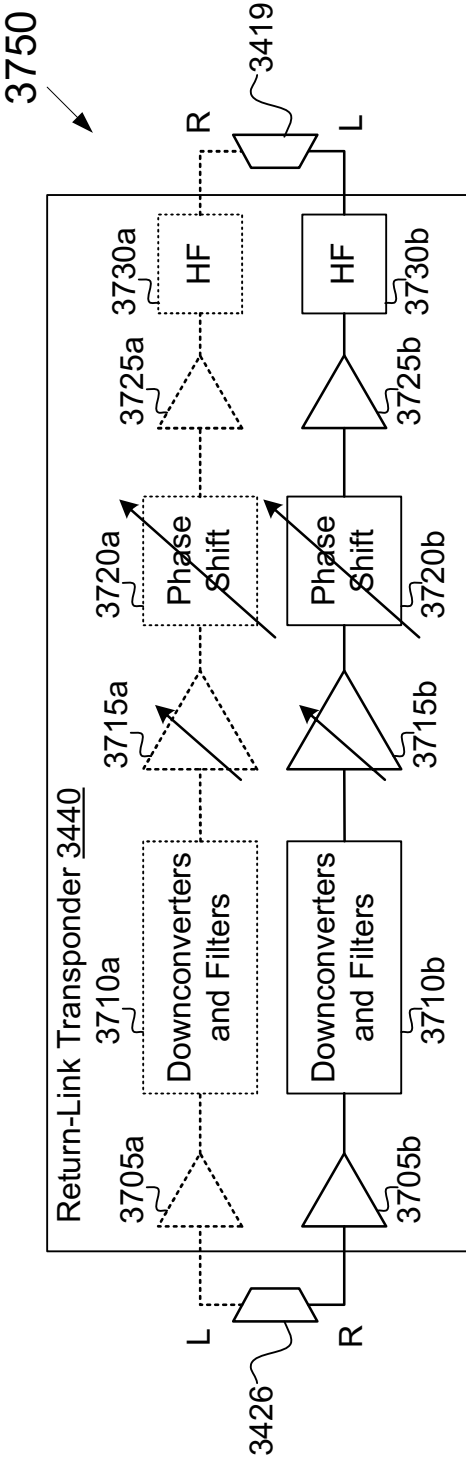


FIG. 44B

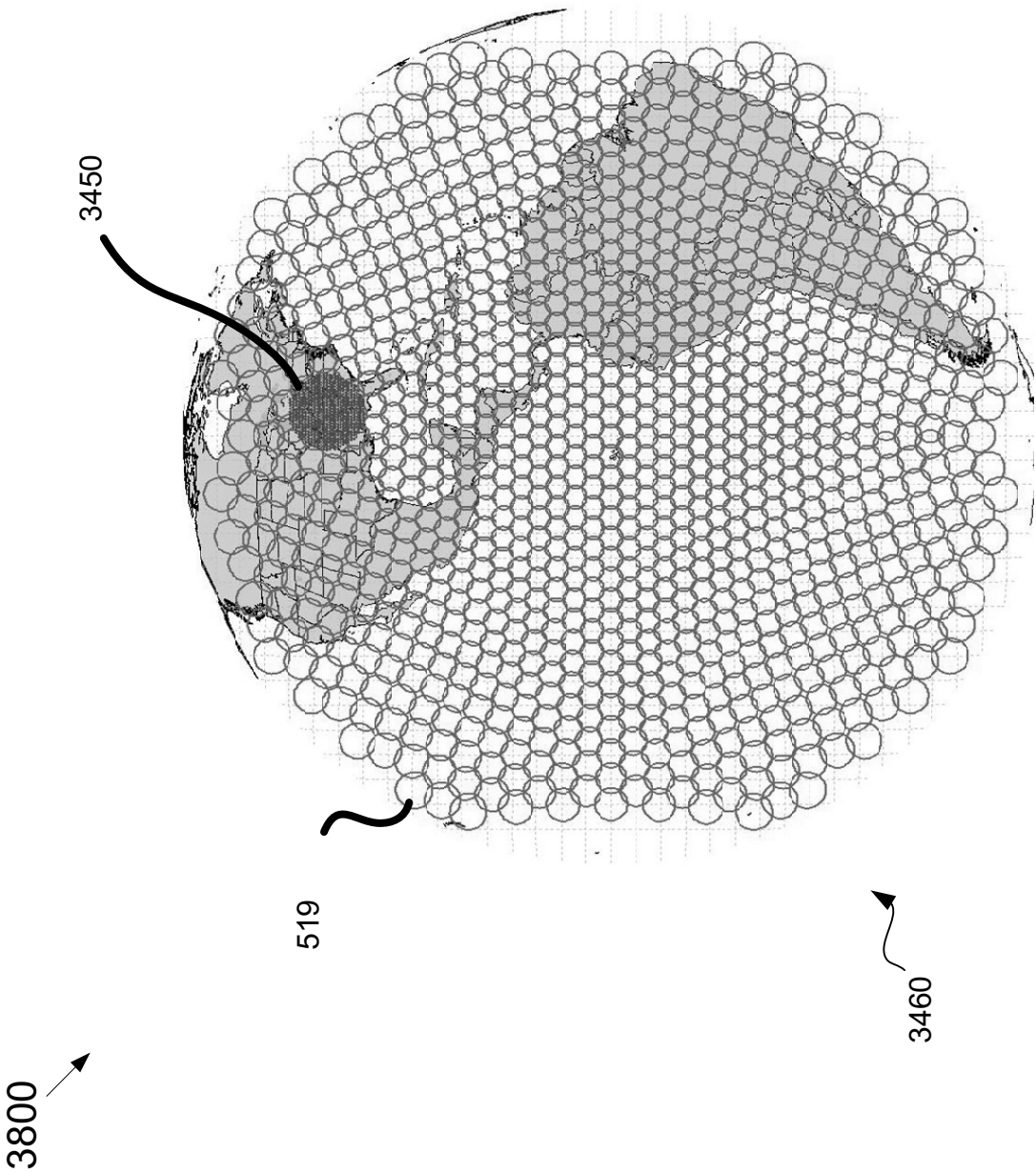


FIG. 45

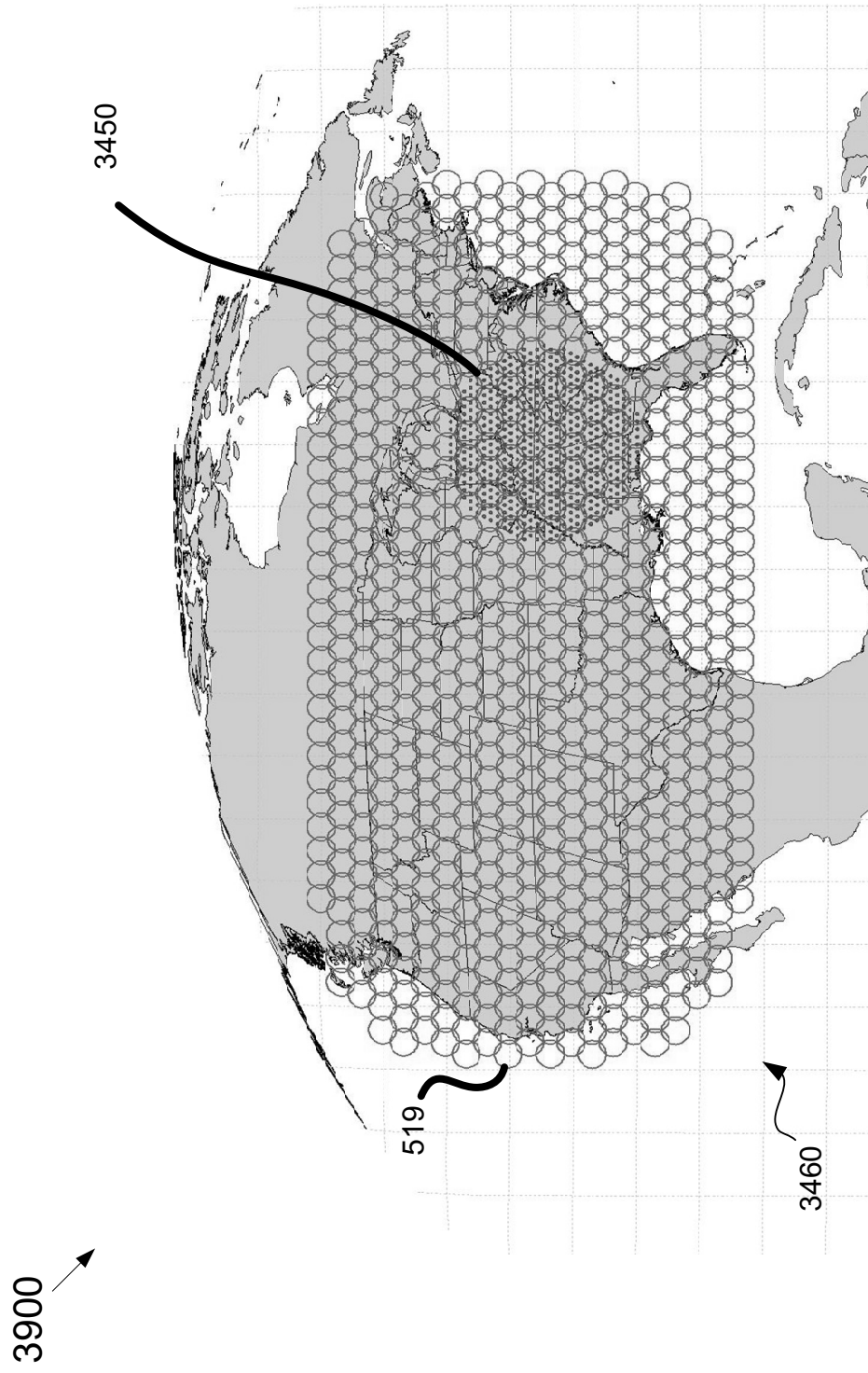


FIG. 46

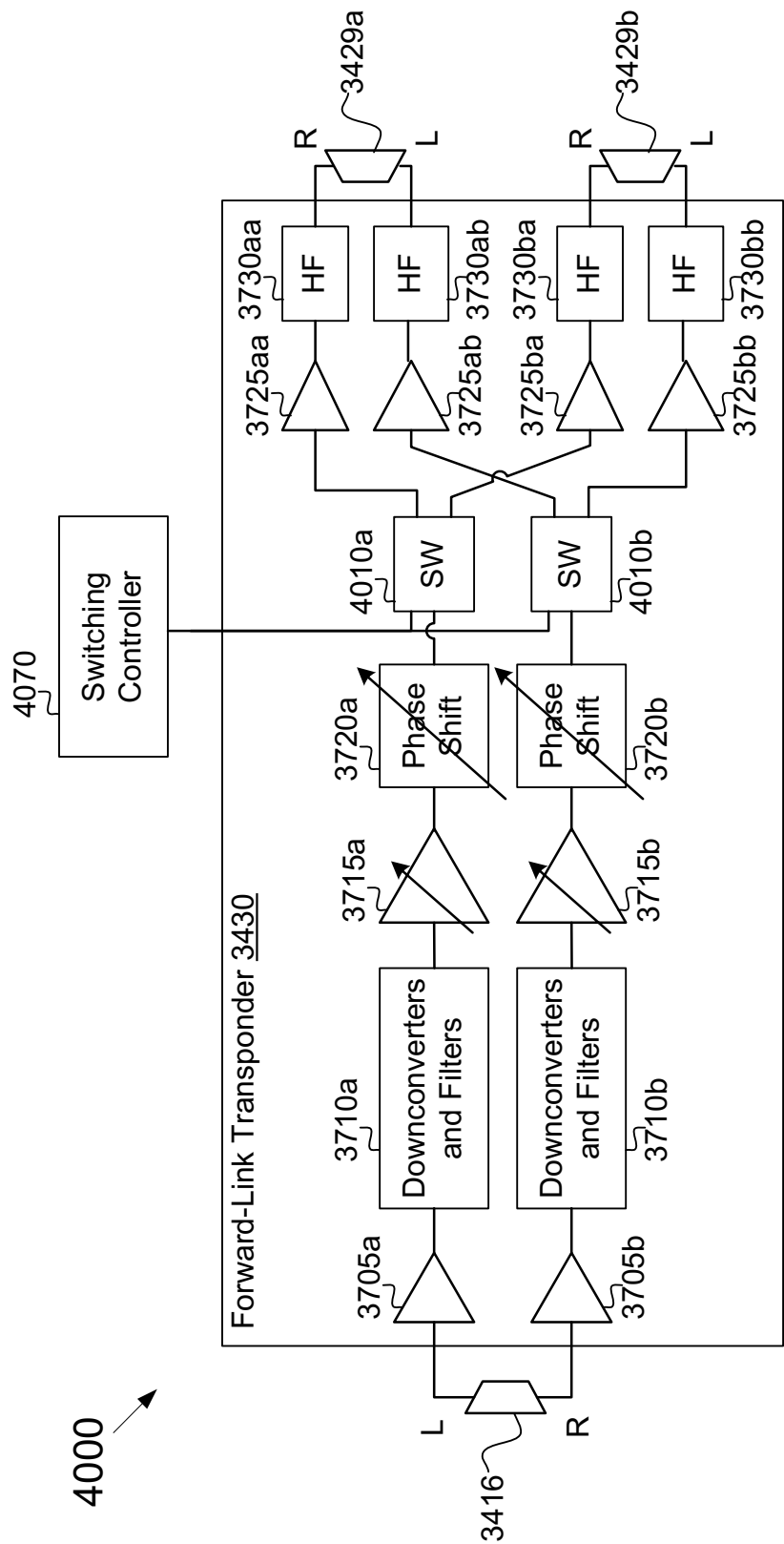


FIG. 47A

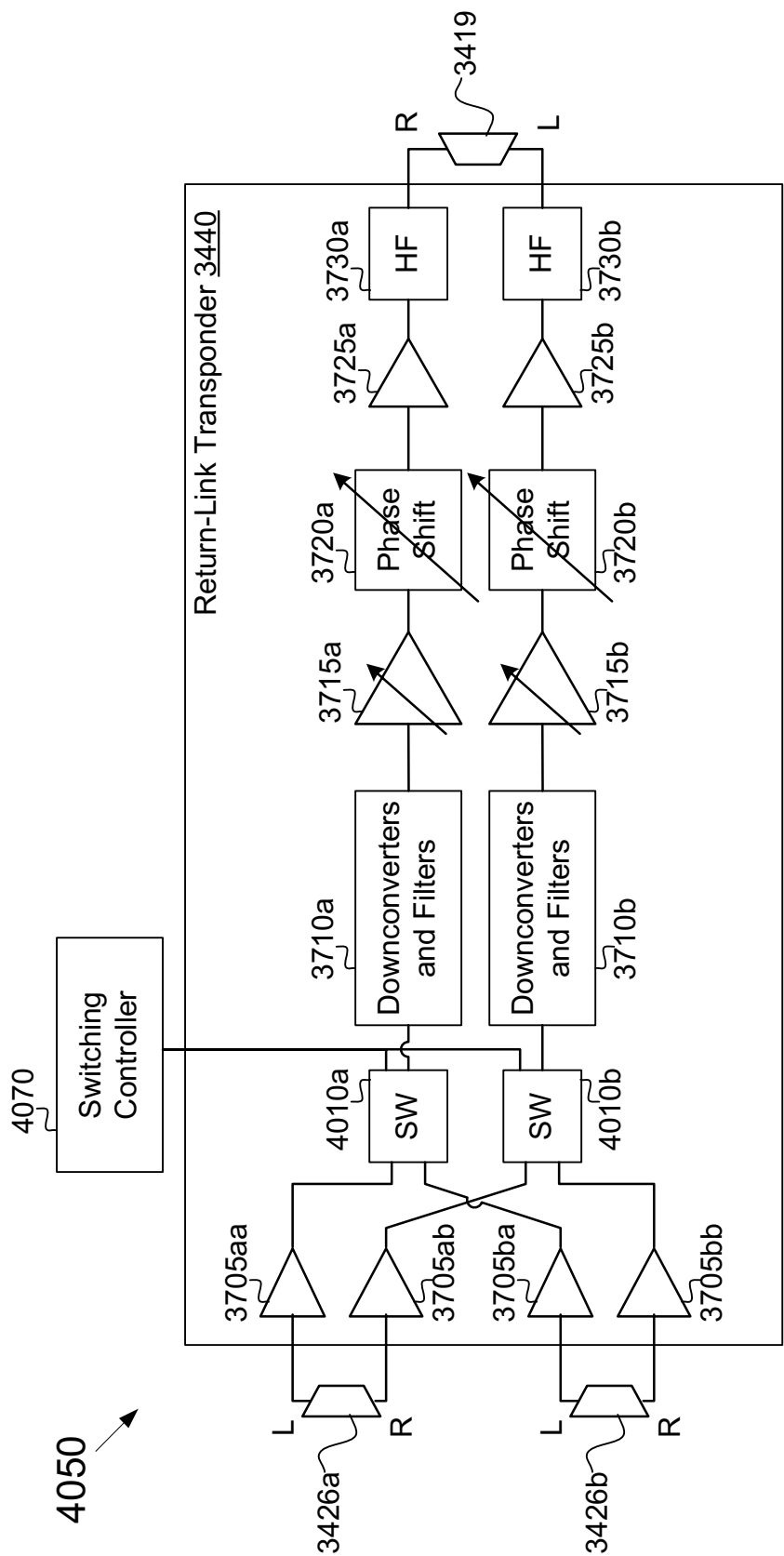


FIG. 47B

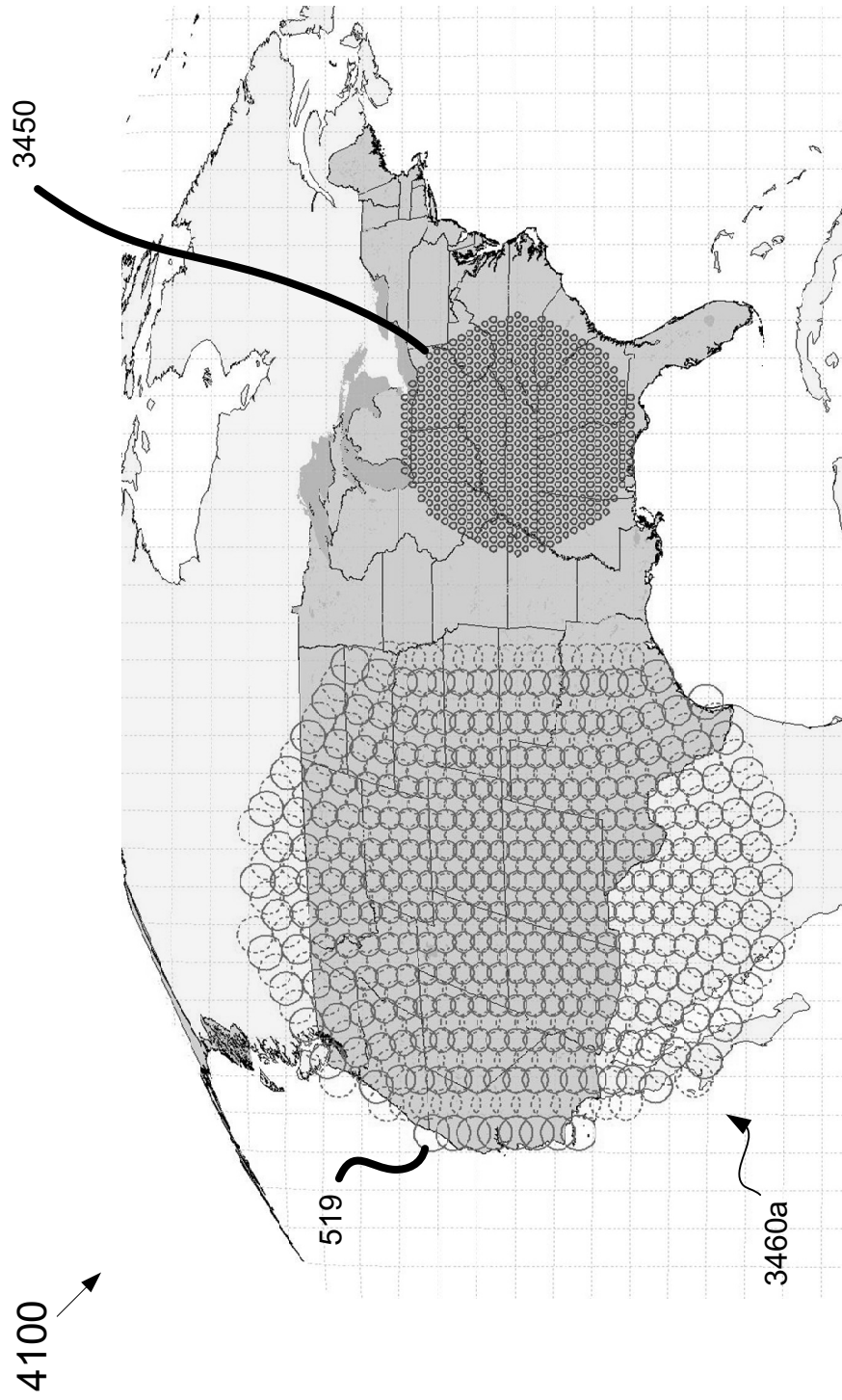


FIG. 48A

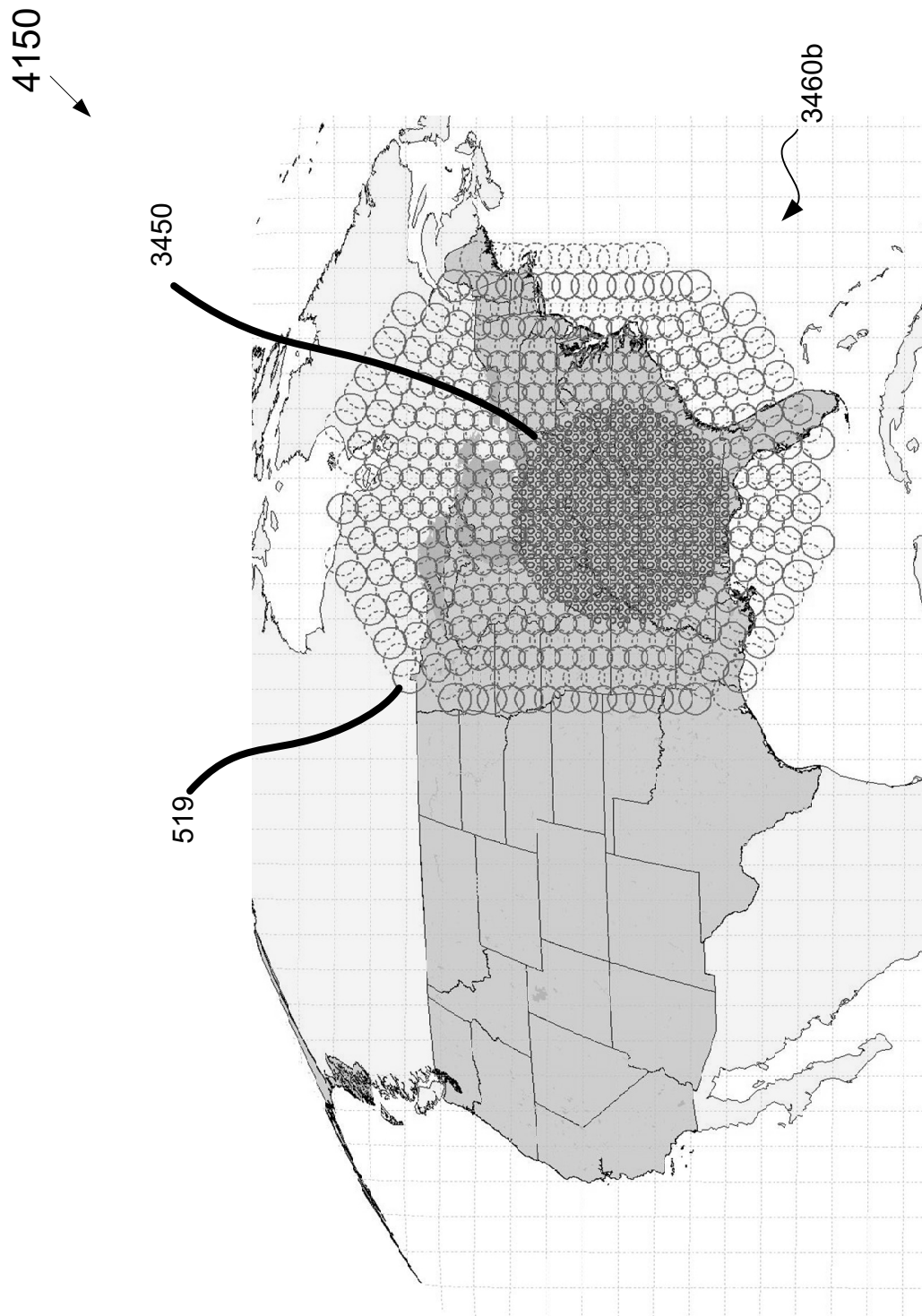


FIG. 48B

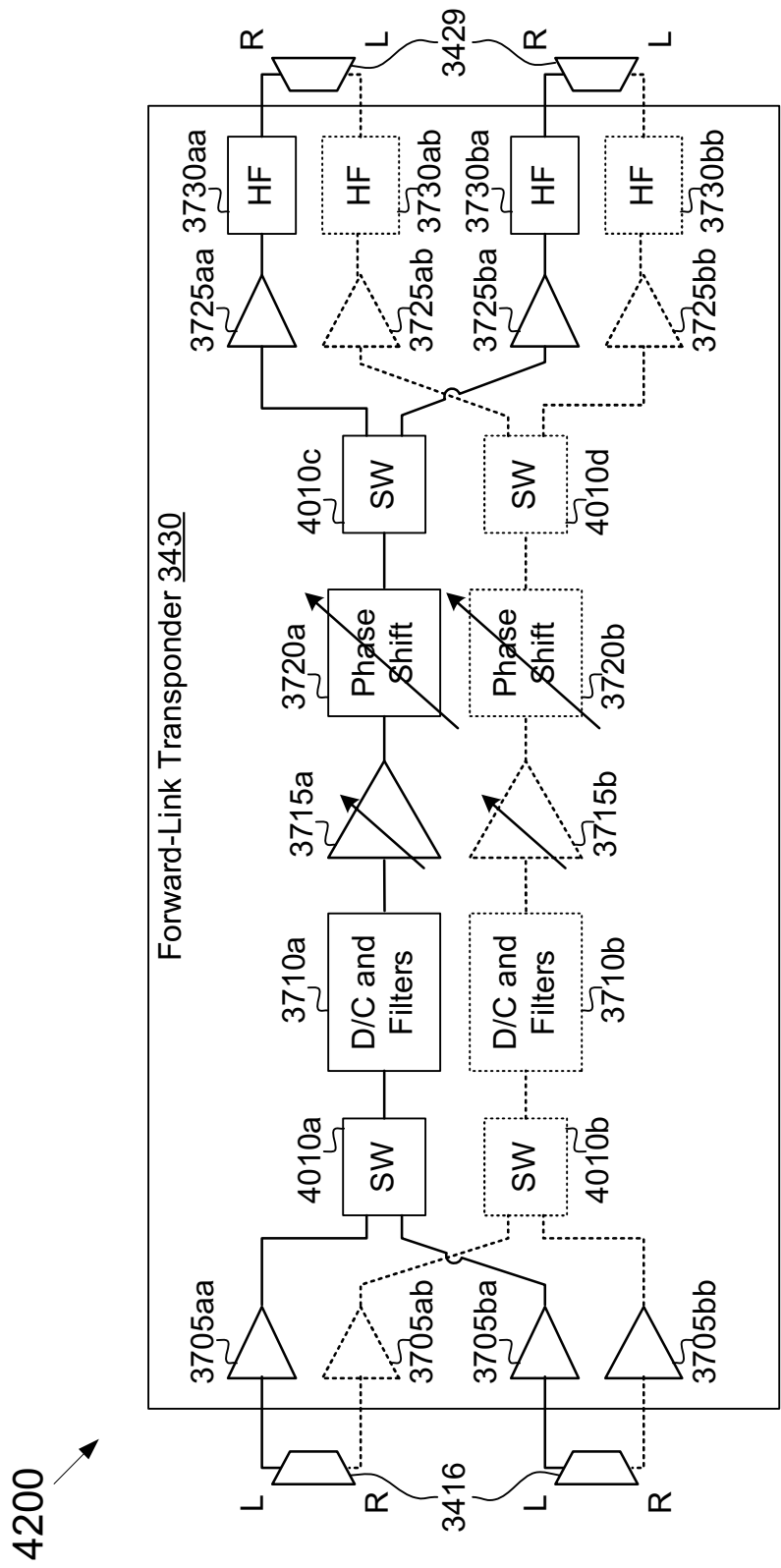


FIG. 49