

100

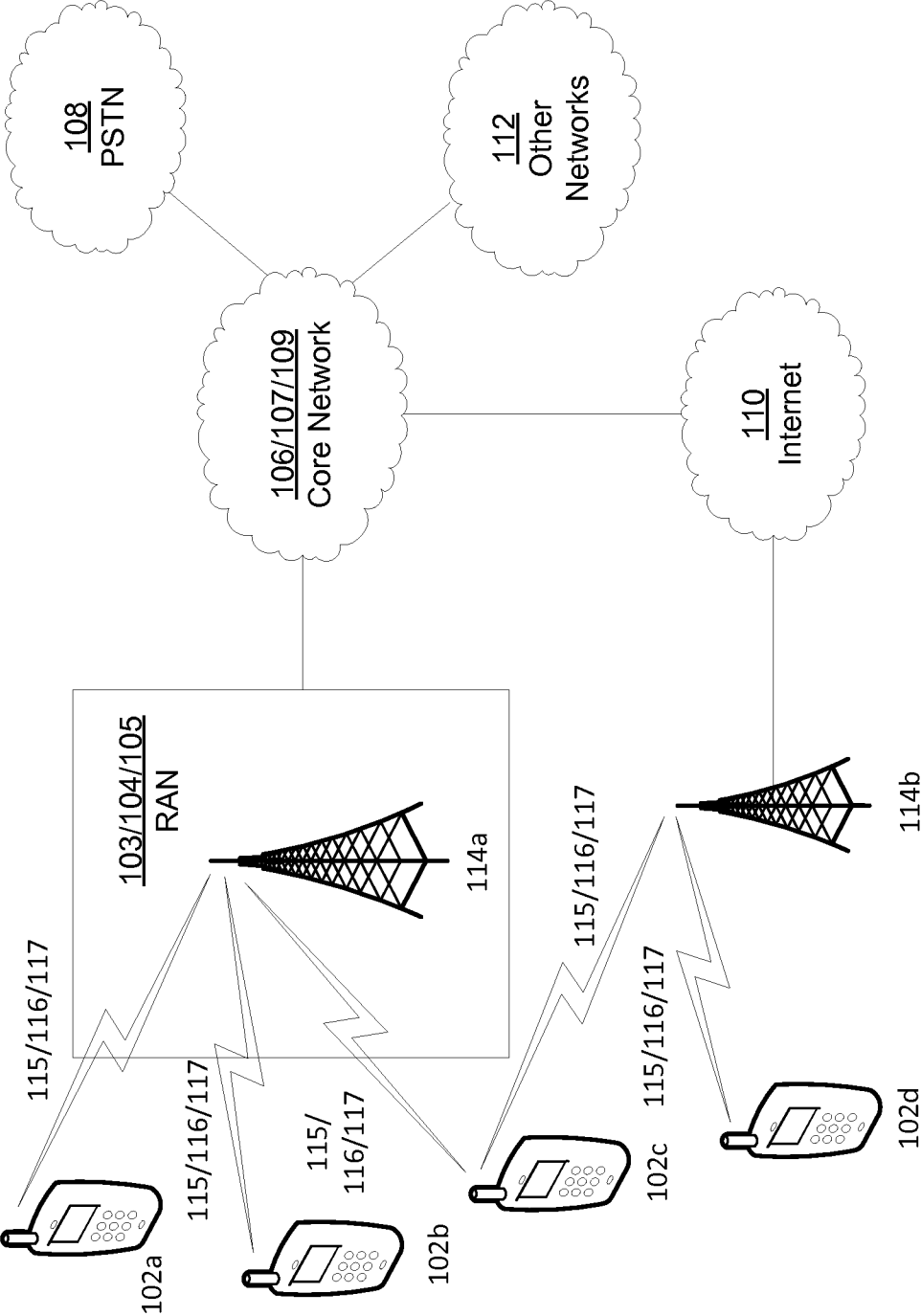


FIG. 1A

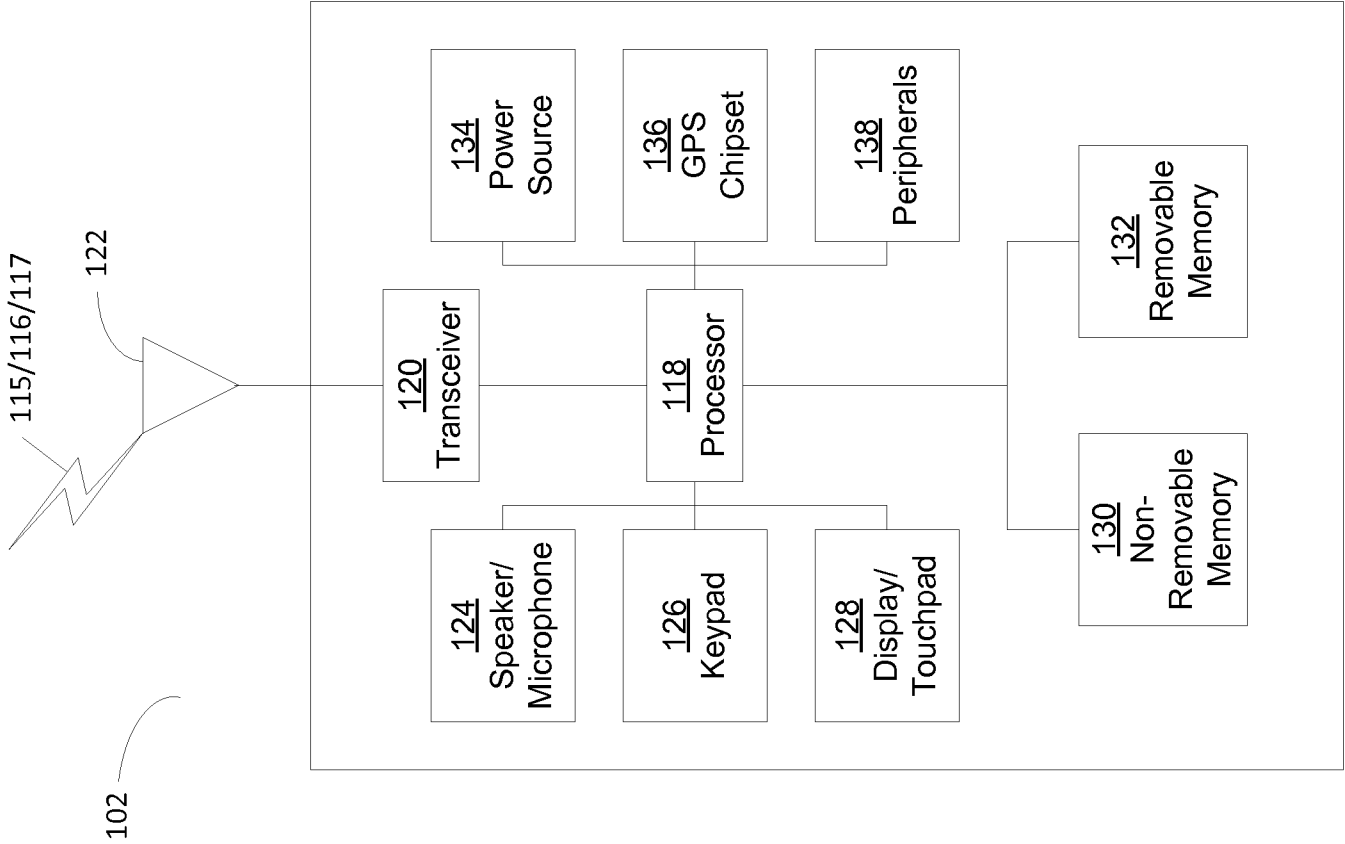


FIG. 1B

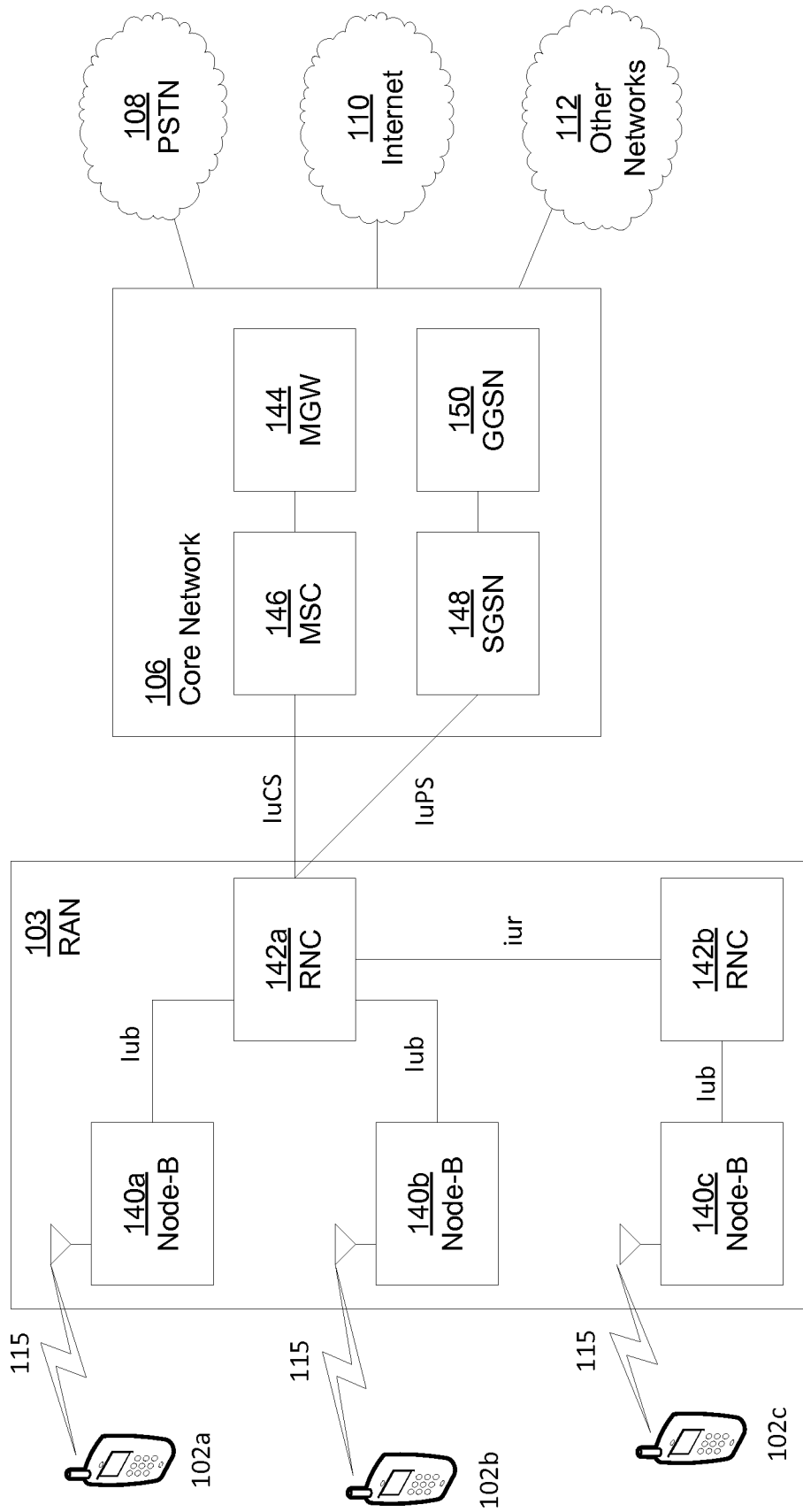


FIG. 1C

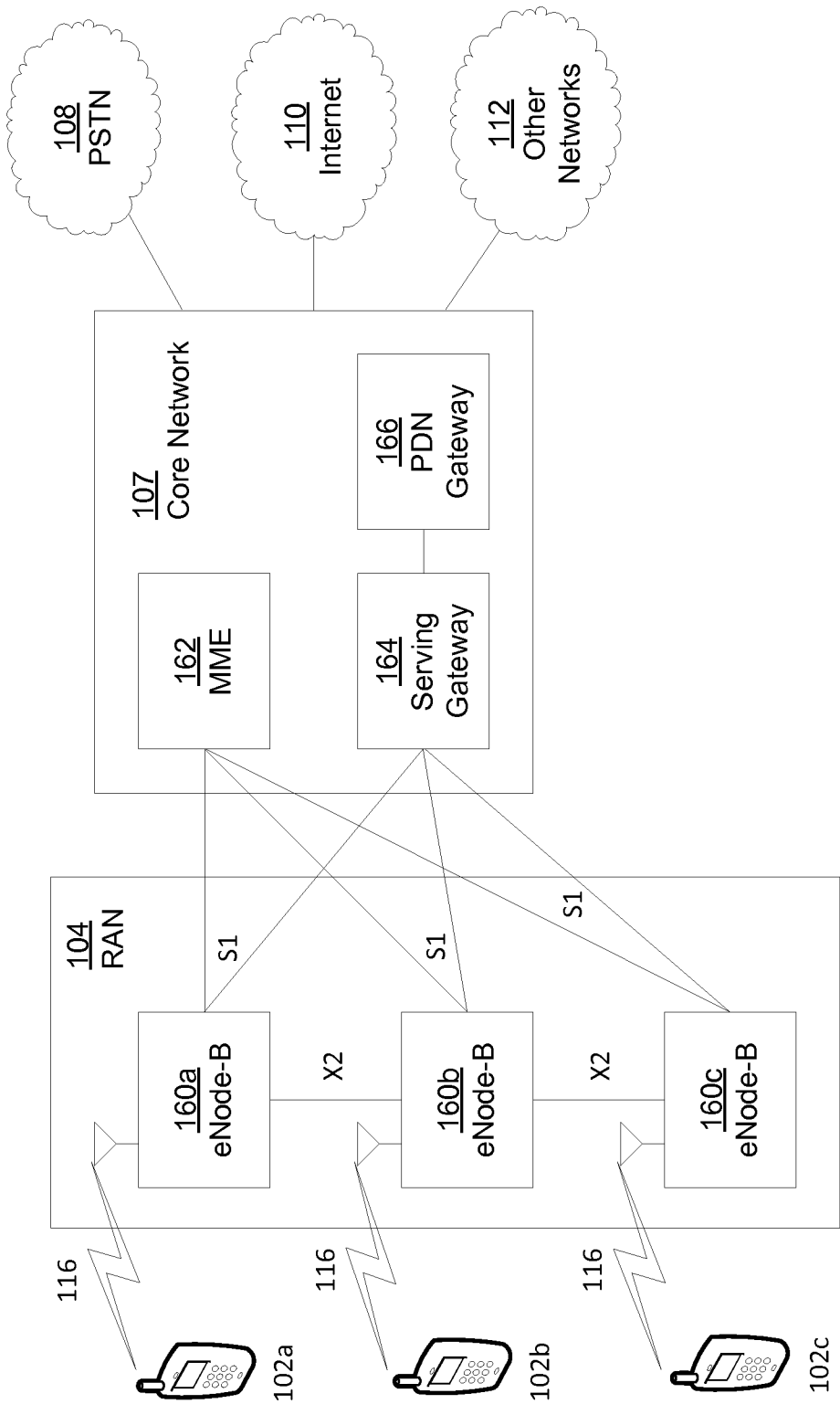


FIG. 1D

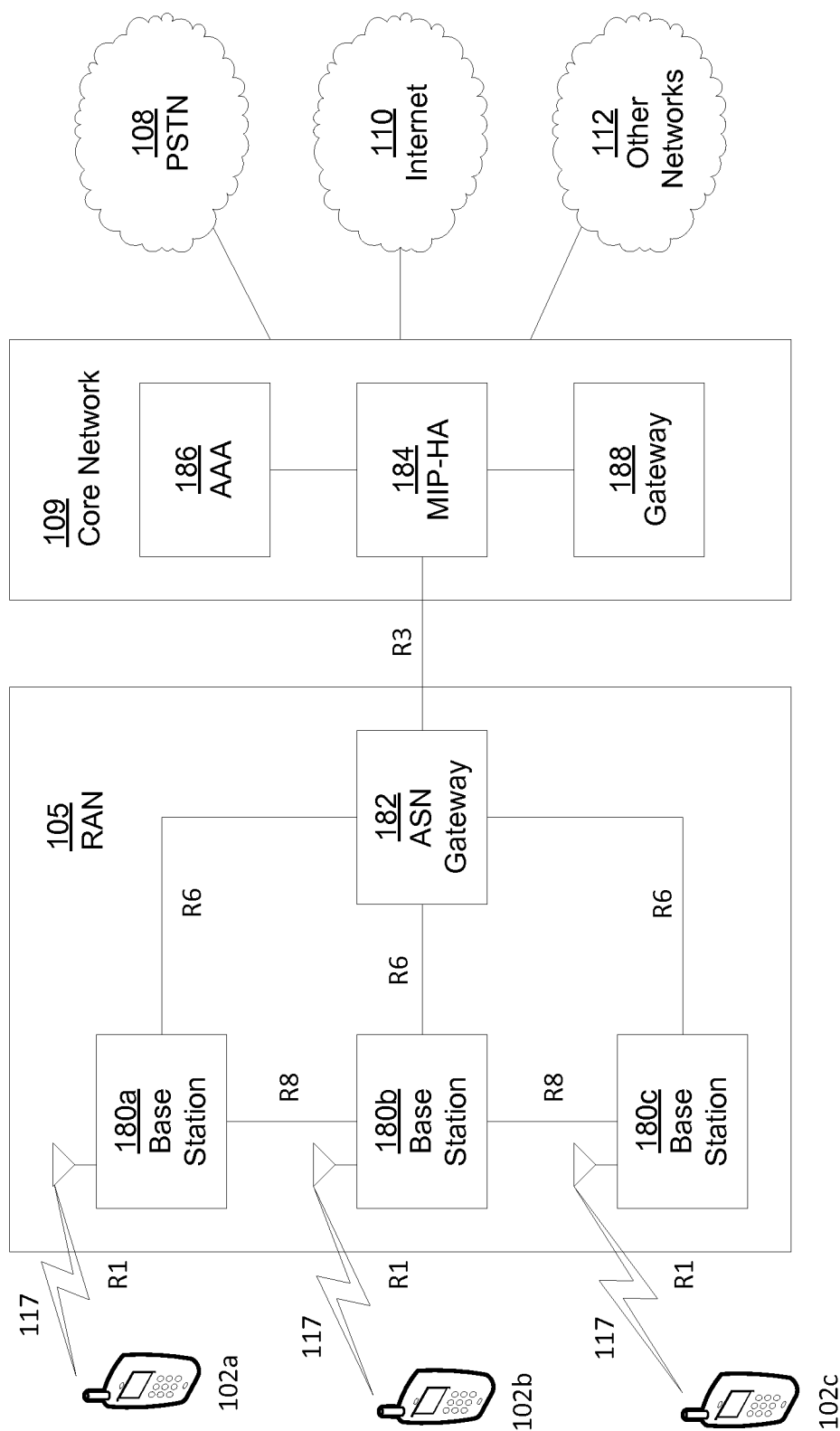


FIG. 1E

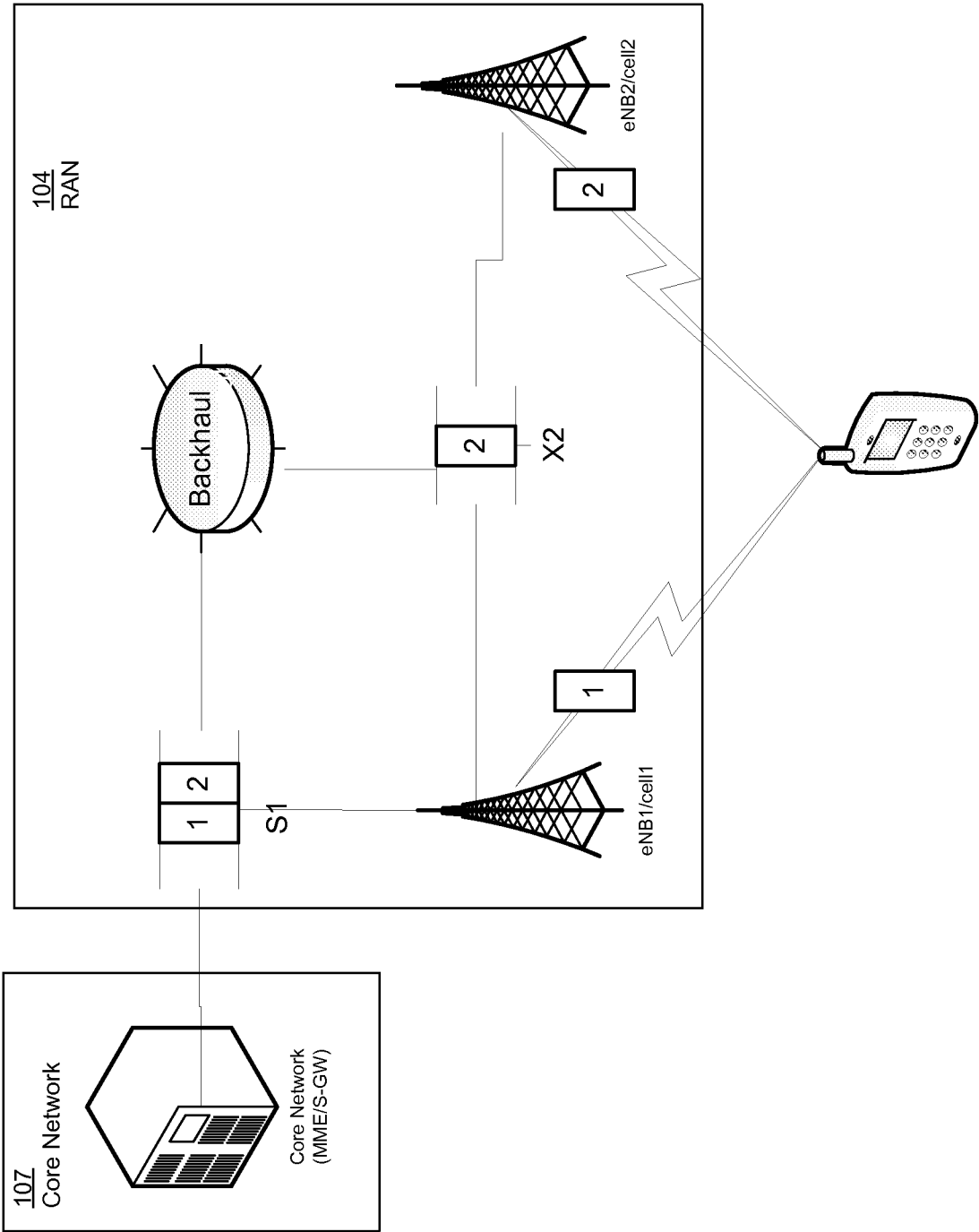


FIG. 2A

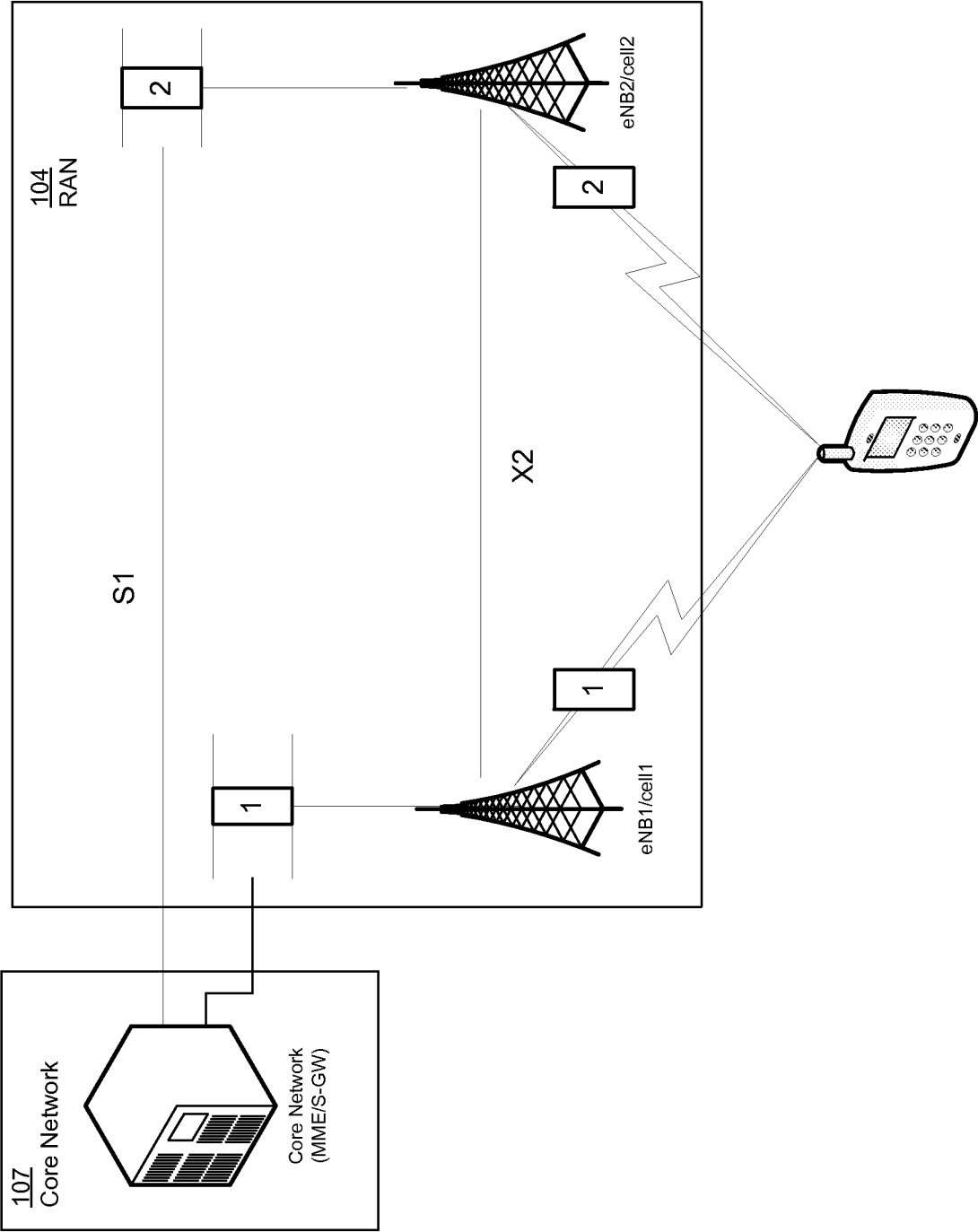


FIG. 2B

300

sf	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
g(k)	G	G	G	NA	NA	G	G	NA	G+3	G+3	NA	NA	G+3	G+3	NA	NA	G+3	G+3	G+2
xmit	Y	Y	Y	N	N	Y	Y	N	Y	Y	N	N	Y	Y	N	N	Y	Y	Y
TPC	0	0	0	0	+3	0	0	0	0	0	0	0	0	0	-1	0	0	0	0
des.									G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+2

sf = subframe = k
g(k) = TPC factor in subframe k
xmit: Y= transmitted to (intended for) this eNB
TPC = TPC command
des. = eNB's desired TPC factor value

FIG. 3

400

sf	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
g(k)	G	G+2	G+2	G+2	G+2	G+2	G+2	G+2	G+3	G+4	G+4	G+4	G+3	G+3	G+4	G+4	G+4	G+4	G+4
xmit	1	1,2	1,2	1	1	1,2	1	1	1	1,2	1,2	1,2	1	1	1,2	1,2	1,2	1,2	1,2
TPC 1	0	0	0	0	+3	0	0	0	0	0	0	0	0	-1	0	0	0	0	0
TPC 2	0	0	0	0	0	+2	0	0	0	0	0	0	0	0	0	0	0	0	0
des. 1									G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3	G+3
des. 2										G+4	G+4	G+4	G+4	G+4	G+4	G+4	G+4	G+4	G+4

sf = subframe = k
g(k) = TPC factor in subframe k
xmit: 1 indicates transmission where only eNB1 may receive it;
1,2 indicates transmission where both eNB1 and eNB2 may receive it
TPC x = TPC command from eNBx
des. x = desired TPC factor value for eNBx

FIG. 4

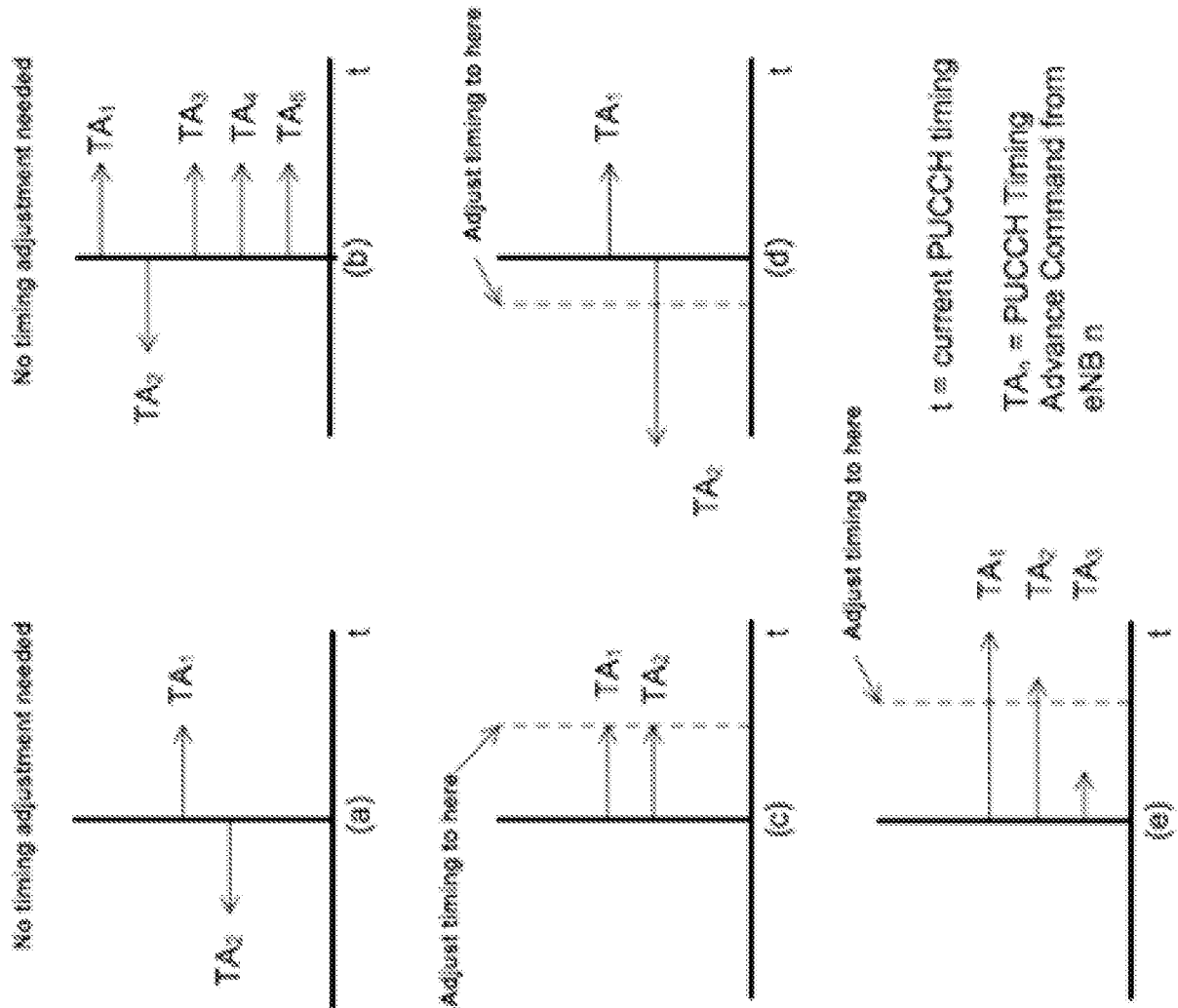


FIG. 5

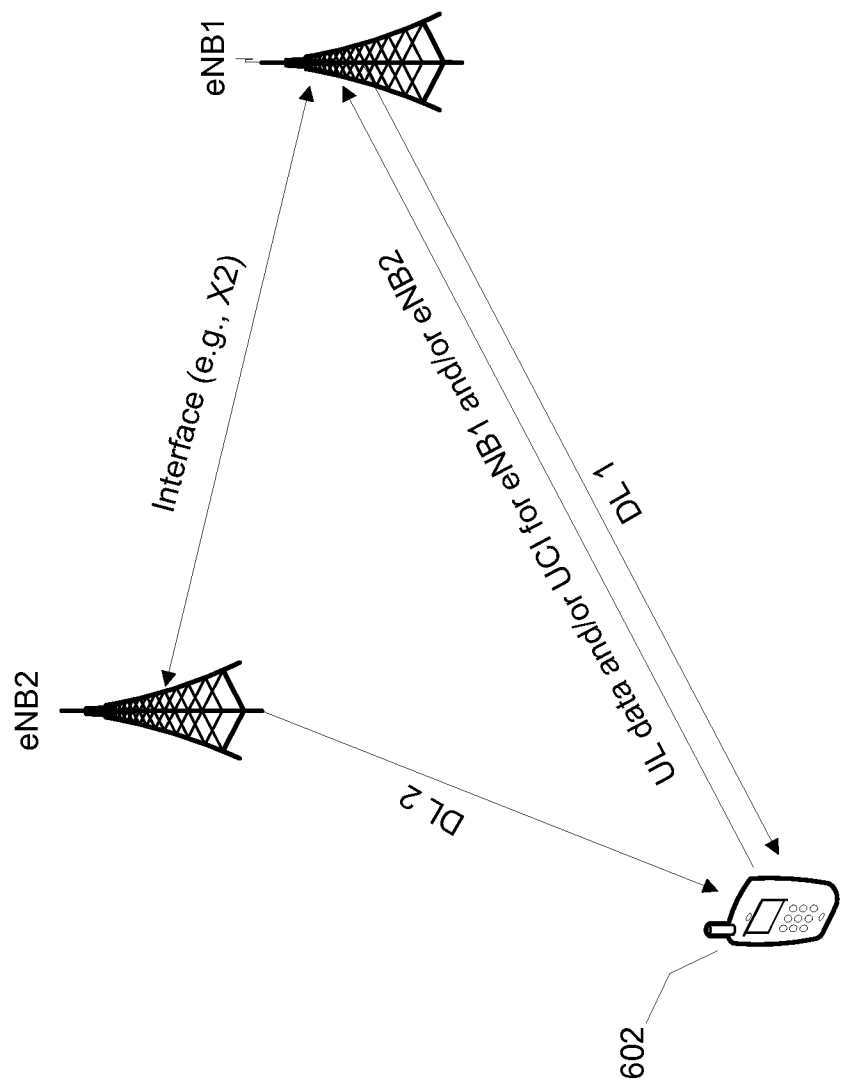


FIG. 6

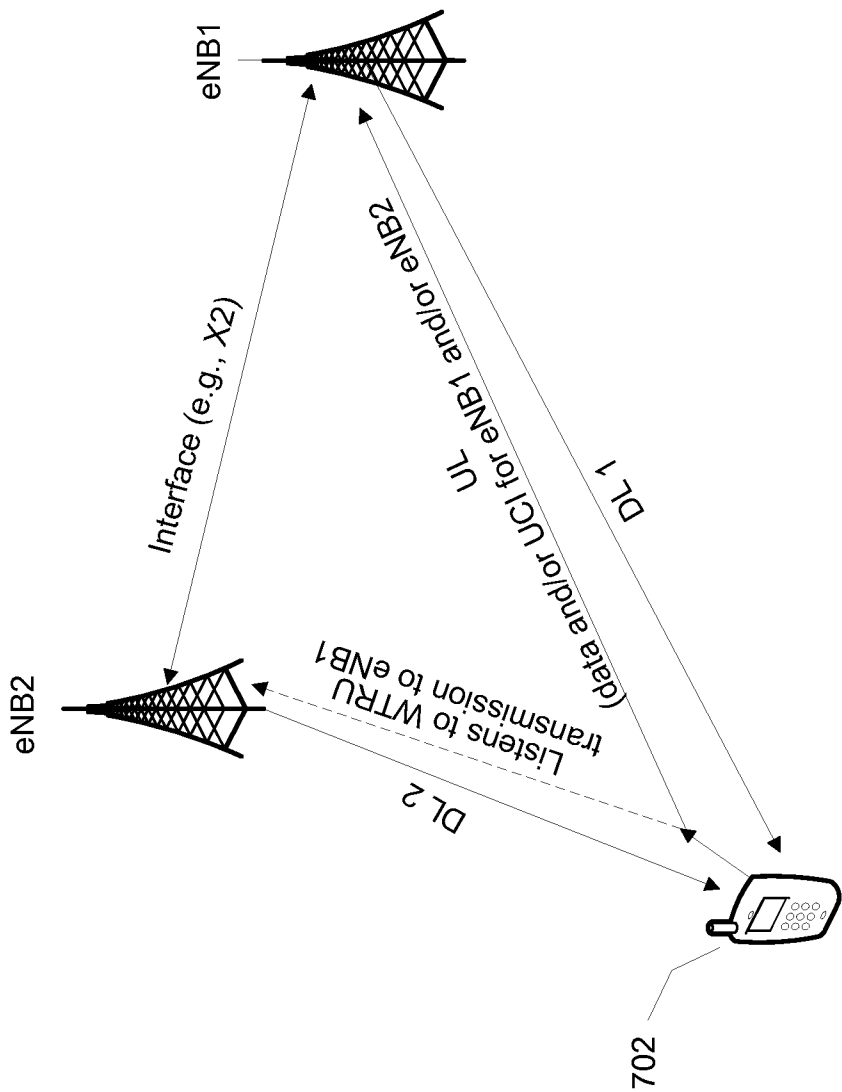


FIG. 7

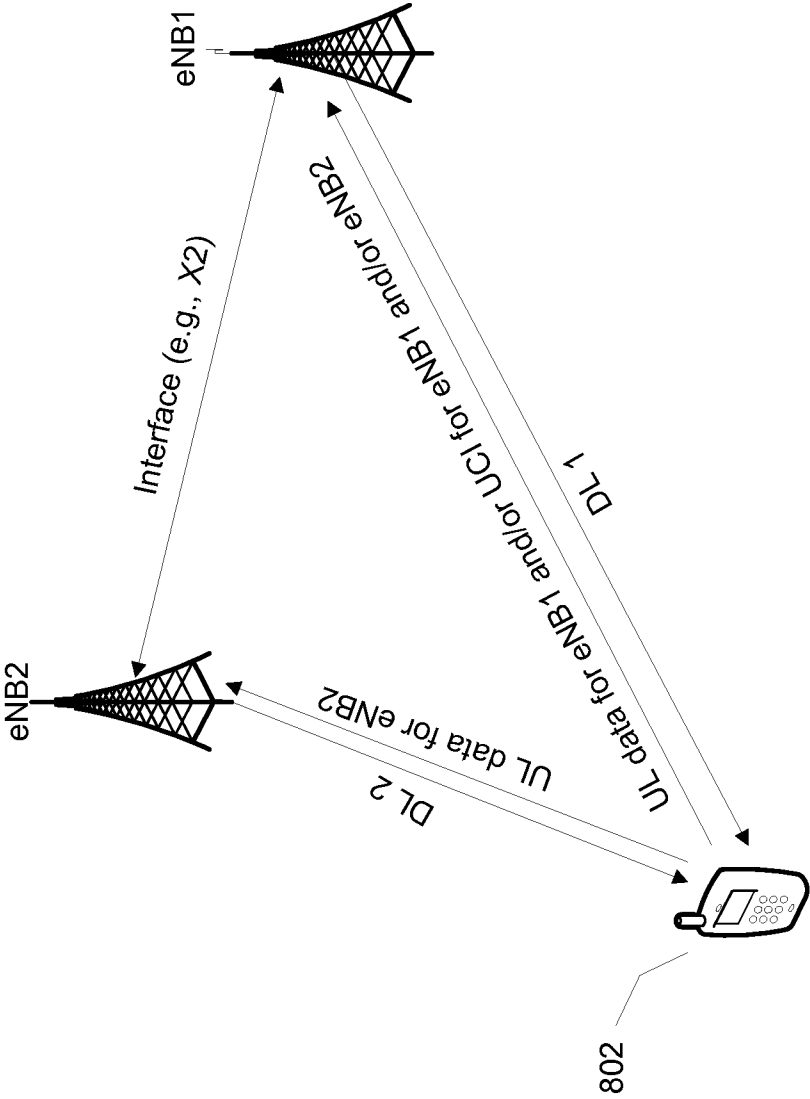


FIG. 8

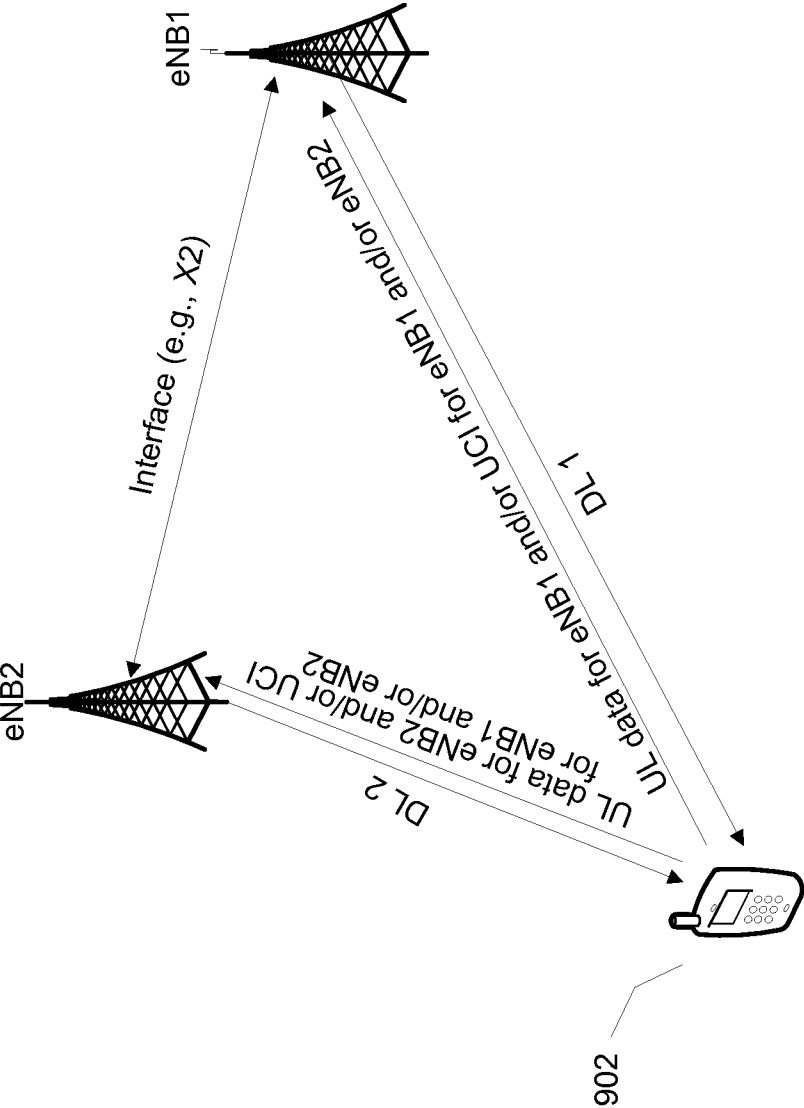


FIG. 9

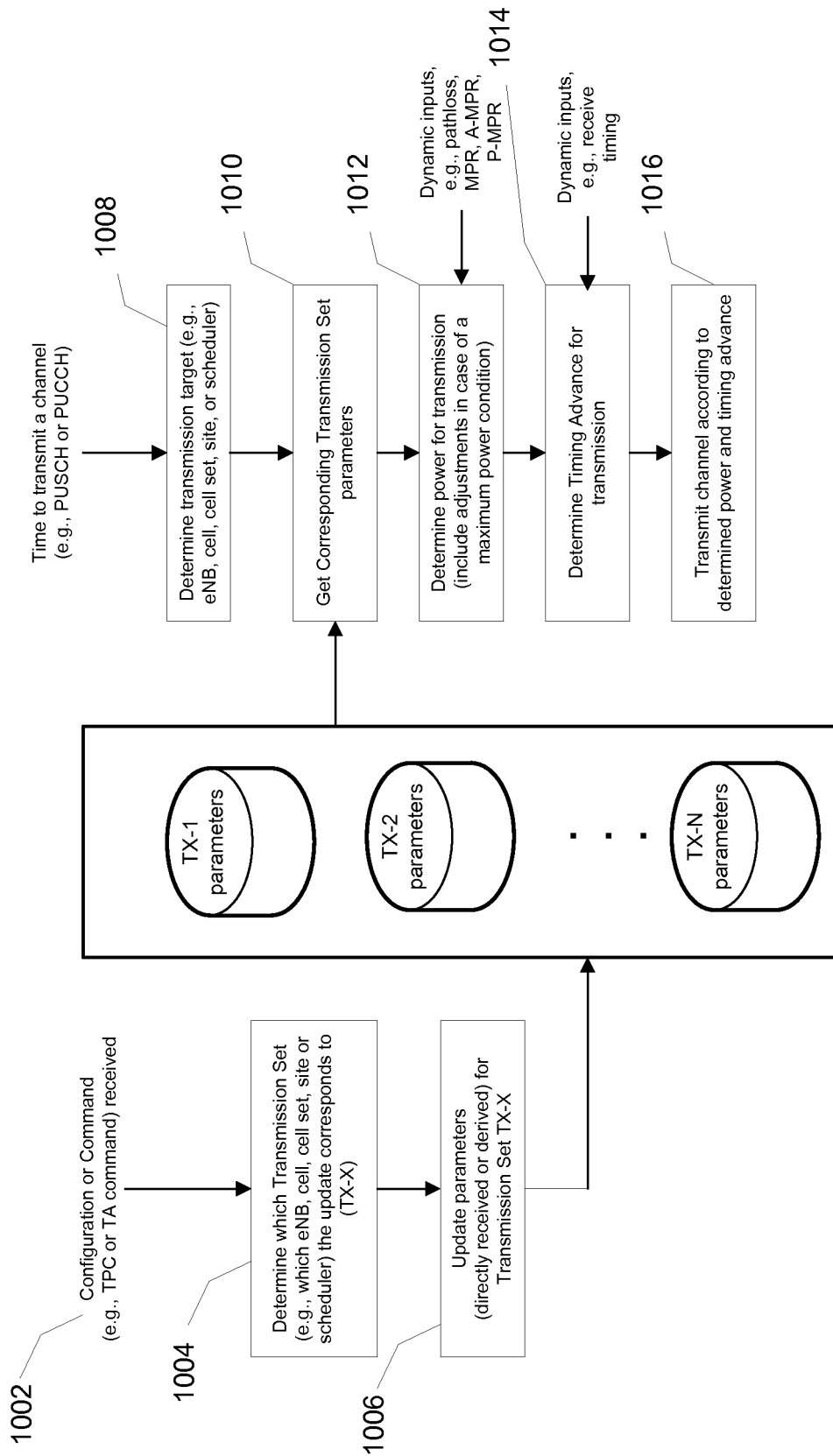


FIG. 10

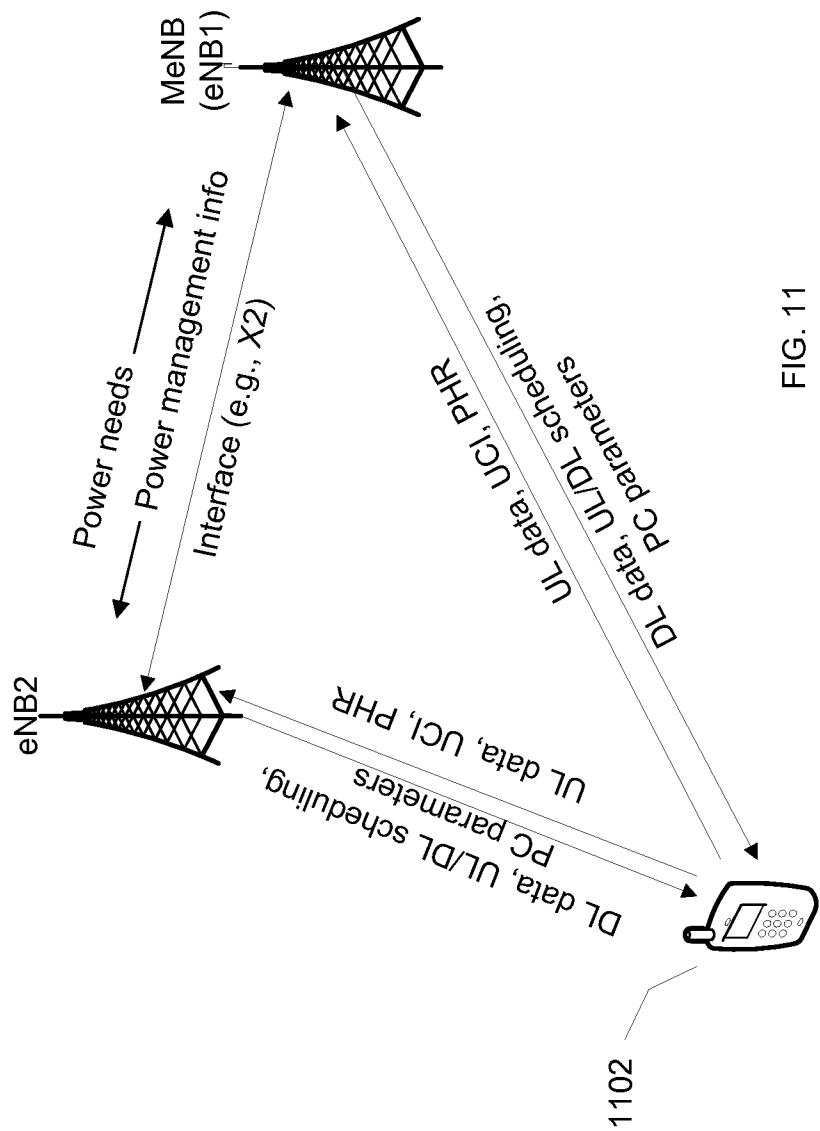


FIG. 11

