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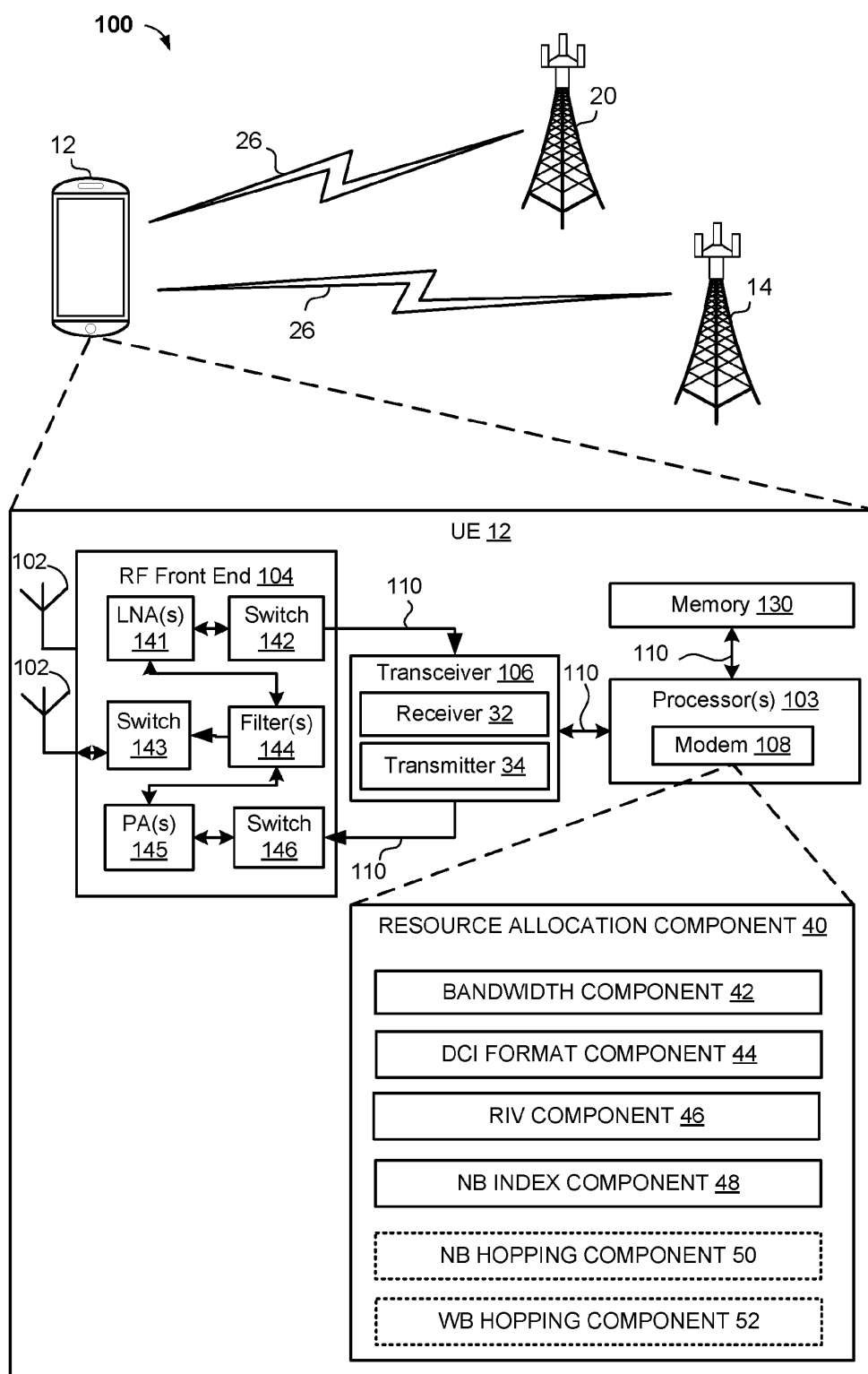


FIG. 1

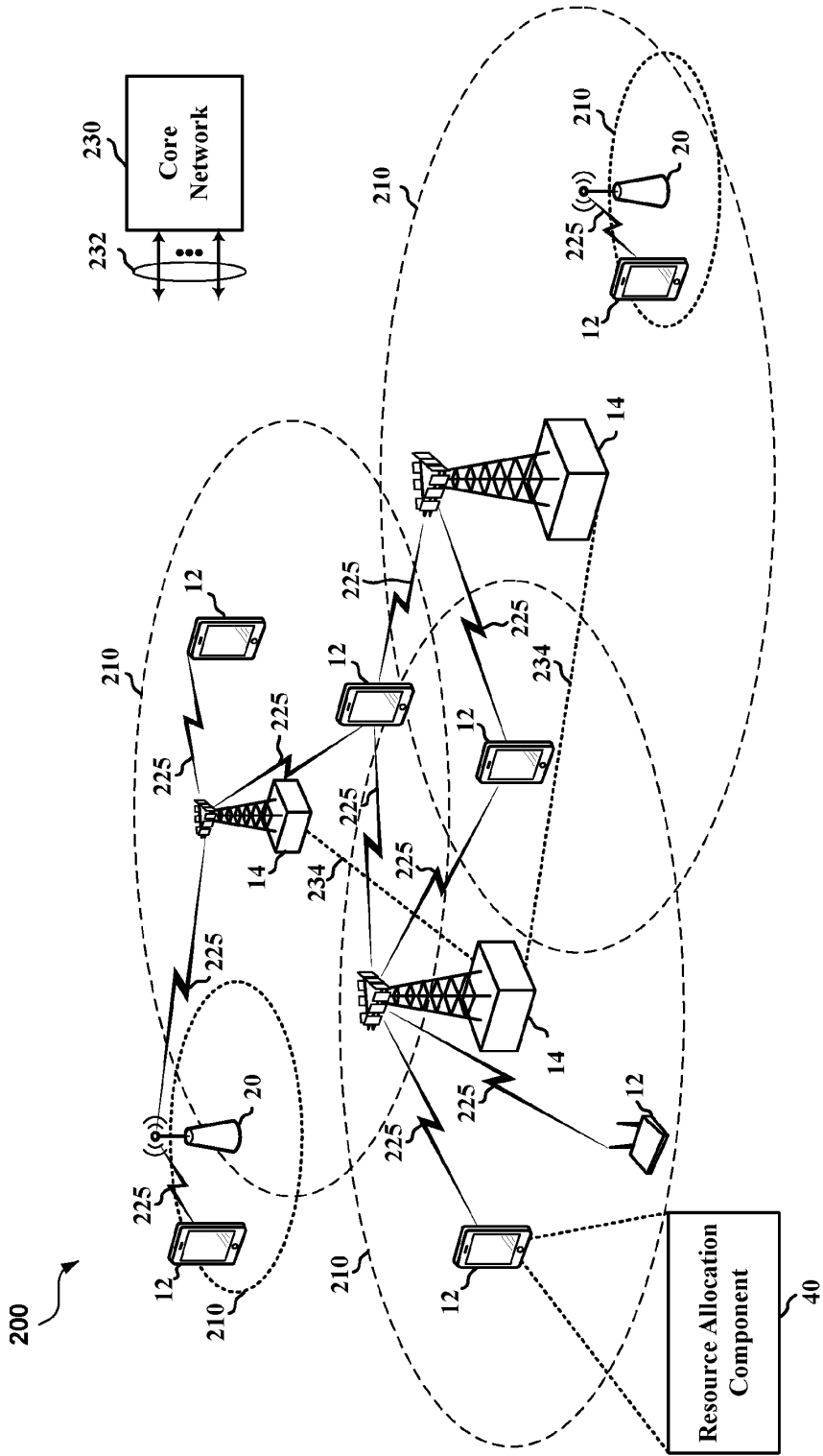


FIG. 2

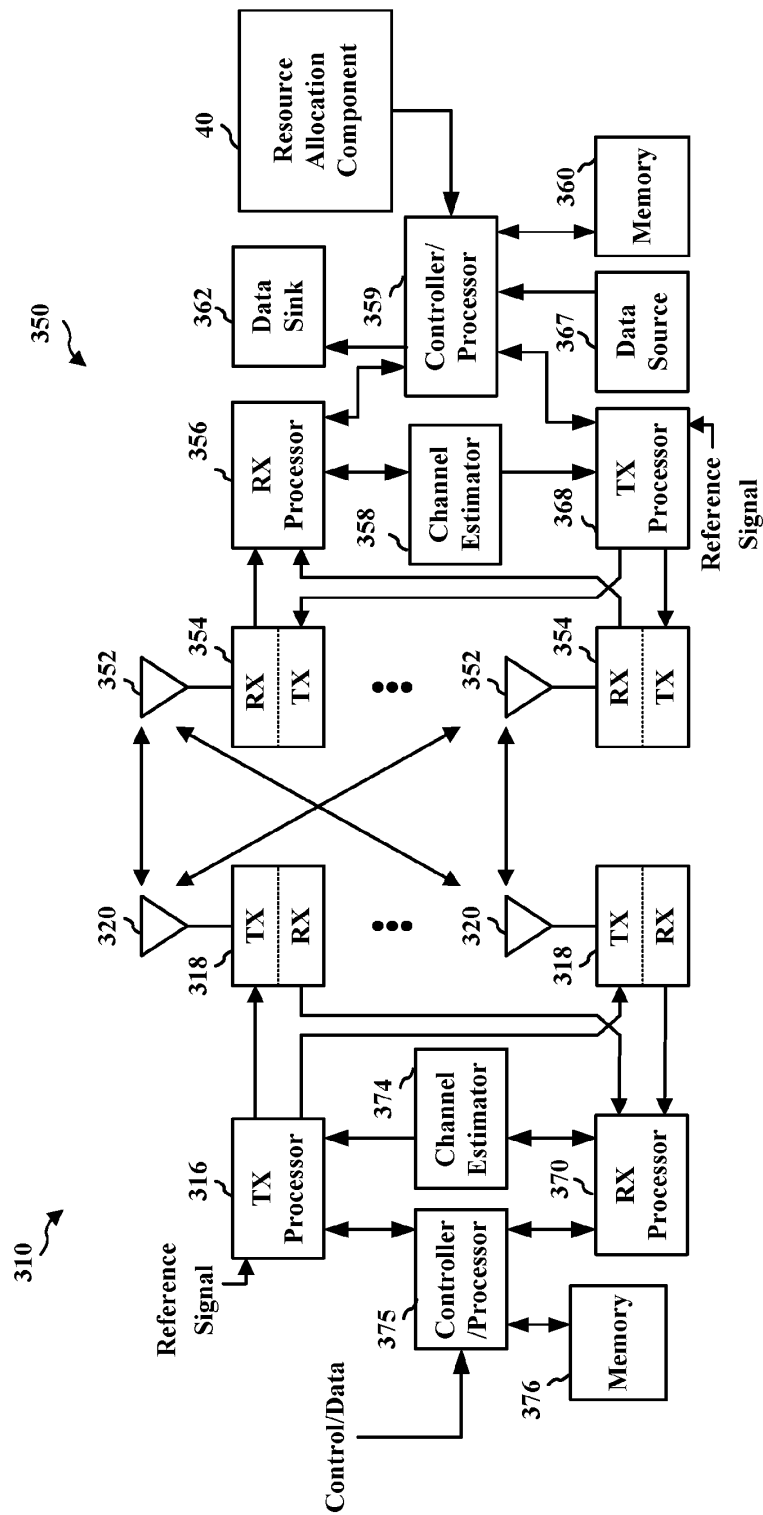


FIG. 3

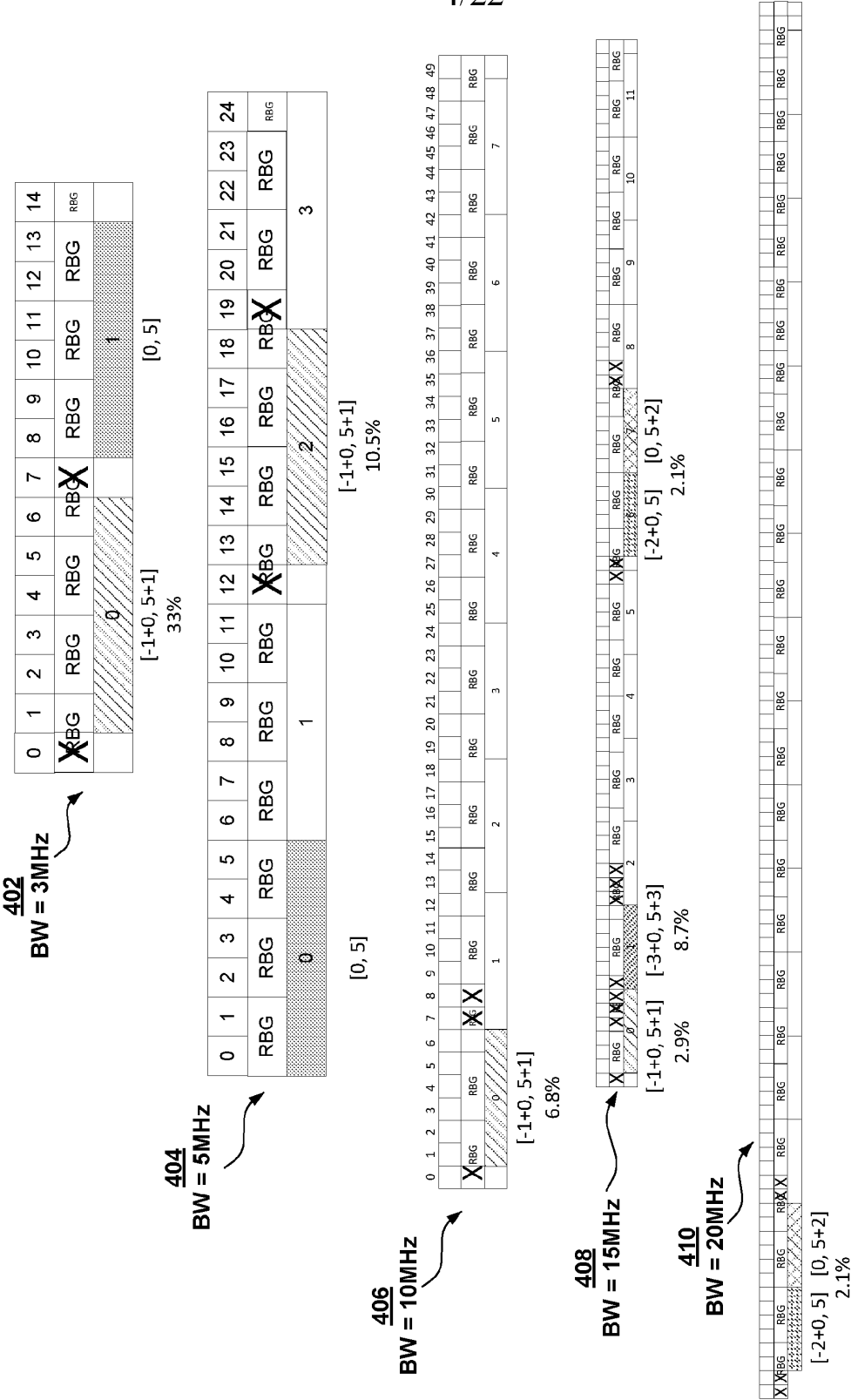


Table 5.1

For DCI format 6-0A and 6-1A

RIV	RB _{start}	L _{CRB}
0	0	1
1	1	1
2	2	1
3	3	1
4	4	1
5	5	1
6	0	2
7	1	2
8	2	2
9	3	2
10	4	2
12	0	3
13	1	3
14	2	3
15	3	3
18	0	4
19	1	4
20	2	4
17	0	5
16	1	5
11	0	6

Table 5.2

DCI format 6-0B

Limited RA with
length of 1RB or 2RBs

RIV	RB _{start}	L _{CRB}
0	0	1
1	1	1
2	2	1
3	3	1
4	4	1
5	5	1
6	0	2
7	2	2

Table 5.3

DCI format 6-1B

Limited RA with
length of 4RB or 6RBs

RIV	RB _{start}	L _{CRB}
0	0	4
1	0	6

FIG. 5

Table 6.1

BW	Number of RBs	RBG size	Number of NBs	$n_{NB}=0,...,(N_{NB}/2-1)$ in 1st half BW	$n_{NB} = (N_{NB}/2), \dots (N_{NB}-1)$ in 2nd half BW
1.4MHz	6	1	1	[0, 5]	
3MHz	15	2	2		
5MHz	25	2	4	[0, 5]	[-1+0, 5+1]
10MHz	50	3	8	[-1+0, 5+2]	
15MHz	75	4	12	[-1+0, 5+1] for $n_{NB} \bmod 2 = 0$; [-3+0, 5+3] for $n_{NB} \bmod 2 = 1$;	[-2+0, 5] for $n_{NB} \bmod 2 = 0$; [0, 5+2] for $n_{NB} \bmod 2 = 1$;
20MHz	100	4	16	[-2+0, 5] for $n_{NB} \bmod 2 = 0$; [0, 5+2] for $n_{NB} \bmod 2 = 1$;	

FIG. 6

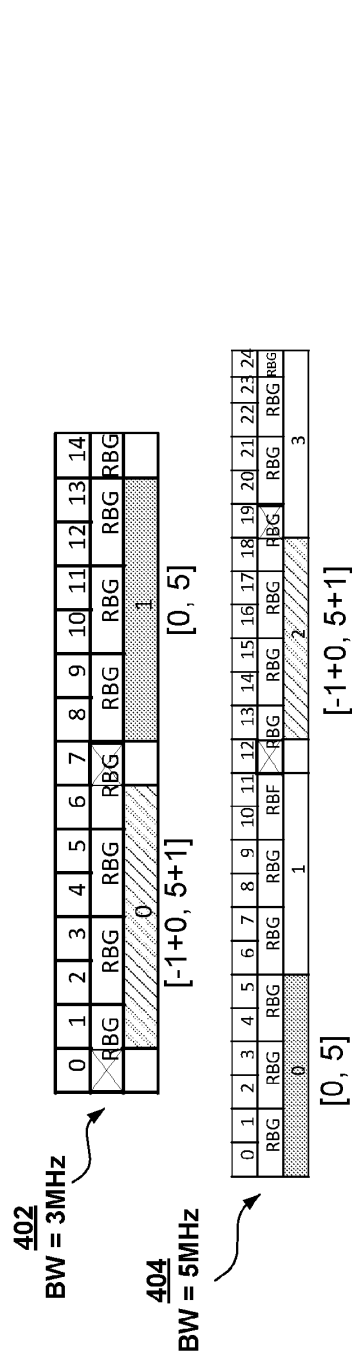


Table 7.3 for [-1, 5+1]

Table 7.2

Table 7.1

RIV	RB _{start}	L _{CRB}
21	-1→0	2
22	-1→0	3
23	-1→0	4
24	-1→0	5
25	-1→0	6
26	1→0	6
27	2→1	5
28	3→2	4
29	4→3	3
30	0	6
31	1	5

RIV	RB _{start}	L _{CRB}
21	-1	2
22	-1	3
23	-1	4
24	-1	5
25	-1	6
26	1	6
27	2	5
28	3	4
29	4	3
30	0	6
31	1	5

		i-th NB						
		-1	0	1	2	3	4	5
RB	-2							
RIV								
	21							
	22							
	23							
	24							
	25							
	26							
	27							
	28							
	29							
	30							
	31							

FIG. 7

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BW = 10MHz

[illegible]

Table 8.1

RIV	RB _{start}	L _{CRB}
21	-1	2
22	-1	3
23	-1	4
24	-1	5
25	-1	6
26	1	6
27	2	5
28	3	4
29	4	3
30	2	6
31	3	5

Table 8.2 for $[-1, 5+2]$

	i-th NB						
	-2	-1	0	1	2	3	4
RB							
RIV							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							

Starting from -1

Ending at 5+1

Ending at (5+2)

FIG. 8

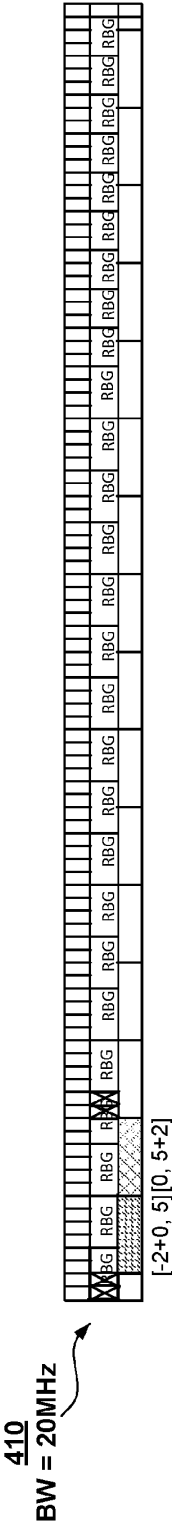


Table 9.1

RIV	RB _{start}	L _{CRB}
21	-1	2
22	-1	3
23	-1	4
24	-1	5
25	-1	6
26	1→0	6
27	-2	5
28	-2	4
29	-2	3
30	-2	6
31	3→1	5

Table 9.2 for [-2+0, 5]

i-th NB					
RB	-2	-1	0	1	2
RIV	21				
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

Table 9.3 for [0, 5+2]

i-th NB					
RB	-2	-1	0	1	2
RIV	21				
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					

Table 9.4

RIV	RB _{start}	L _{CRB}
21	5	2
22	5	3
23	4	4
24	-1→0	5
25	-1→0	6
26	1	6
27	2	5
28	3	4
29	4	3
30	2	6
31	3	5

FIG. 9

Table 11.1
(legacy)

RIV	RB _{start}	L _{CRB}
0	0	1
1	1	1
2	2	1
3	3	1
4	4	1
5	5	1
6	0	2
7	2	2

Table 11.2
(legacy)

	i-th NB					
	0	1	2	3	4	5
RIV						
0						
1						
2						
3						
4						
5						
6						
7						



Table 11.3
(new)

	i-th NB					
	0	1	2	3	4	5
RIV						
0						
1						
2						
3						
4						
5						
6						
7						

Table 11.4
(new)

RIV	RB _{start}	L _{CRB}
0	0	1
1	1	1
2	2	1
3	3	1
4	4	1
5	5	1
6	0	2
7	4	2

FIG. 11

Table 12.1

BW	$n_{NB} = 0, \dots, (N_{NB}/2-1)$ in 1st half BW	$n_{NB} = (N_{NB}/2), \dots, (N_{NB}-1)$ in 2 nd half BW
3MHz	$NB_{offset} = \{-1RB, 0RB\}$	$NB_{offset} = 0$
5MHz	$NB_{offset} = 0$	$NB_{offset} = \{-1RB, 0RB\}$
10MHz	$NB_{offset} = \{-1RB, 0RB\}$	
15MHz	$NB_{offset} = \{-1RB, 0RB\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = \{-3RB, 0RB\}$ for $n_{NB} \bmod 2 = 1$;	$NB_{offset} = \{-2RBs, 0RB\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = \{0RB, +2RBs\}$ for $n_{NB} \bmod 2 = 1$;
20MHz	$NB_{offset} = \{-2RBs, 0RB\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = \{0RB, +2RBs\}$ for $n_{NB} \bmod 2 = 1$;	

Table 12.2

BW	$n_{NB} = 0, \dots, (N_{NB}/2-1)$ in 1st half BW	$n_{NB} = (N_{NB}/2), \dots, (N_{NB}-1)$ in 2 nd half BW
3MHz	$NB_{offset} = \{-1RB, 0RB \text{ or } +1RB\}$	$NB_{offset} = 0$
5MHz	$NB_{offset} = 0$	$NB_{offset} = \{-1RB, 0RB \text{ or } +1RB\}$
10MHz	$NB_{offset} = \{-1RB, 0RB, +1RB \text{ or } +2RBs\}$	
15MHz	$NB_{offset} = \{-1RB, 0RB, +1RB\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = \{-3RB, -1RB, 0RB, +3RBs\}$ for $n_{NB} \bmod 2 = 1$;	$NB_{offset} = \{-2RBs, -1RB, 0RB\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = \{0RB, +1RB, +2RBs\}$ for $n_{NB} \bmod 2 = 1$;
20MHz	$NB_{offset} = \{-2RBs, -1RB, 0RB\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = \{0RB, +1RB, +2RBs\}$ for $n_{NB} \bmod 2 = 1$;	

FIG. 12

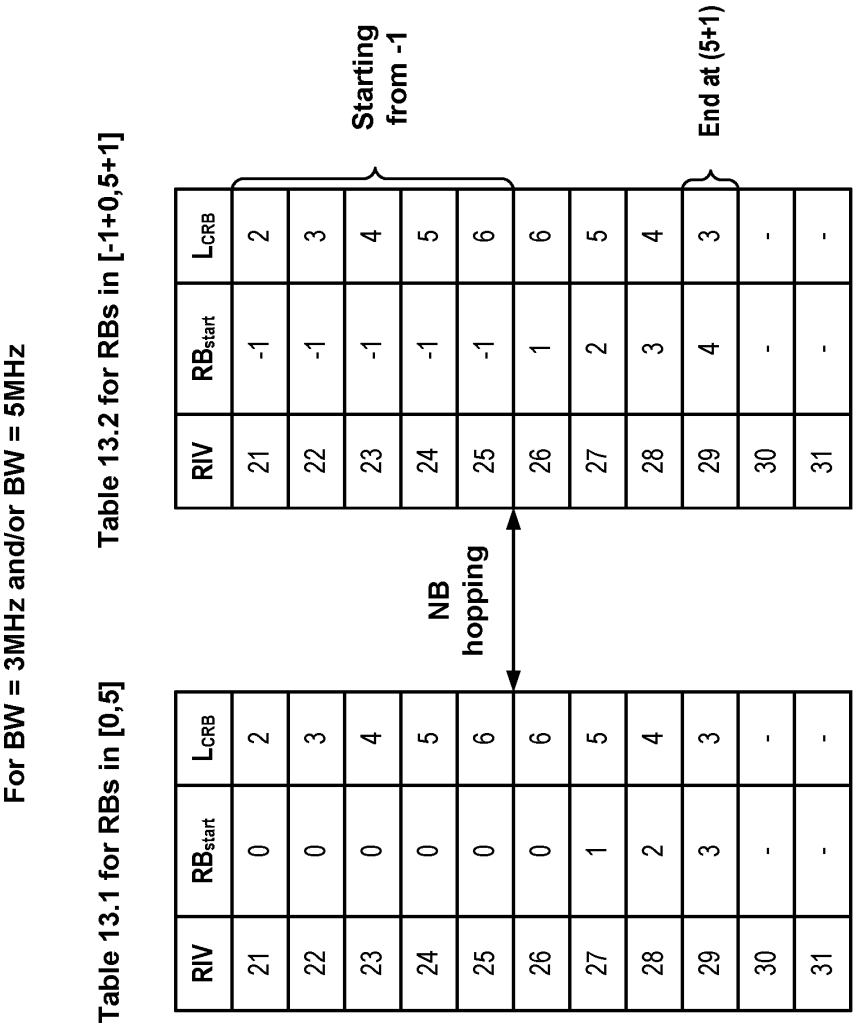


FIG. 13

For BW = 15MHz

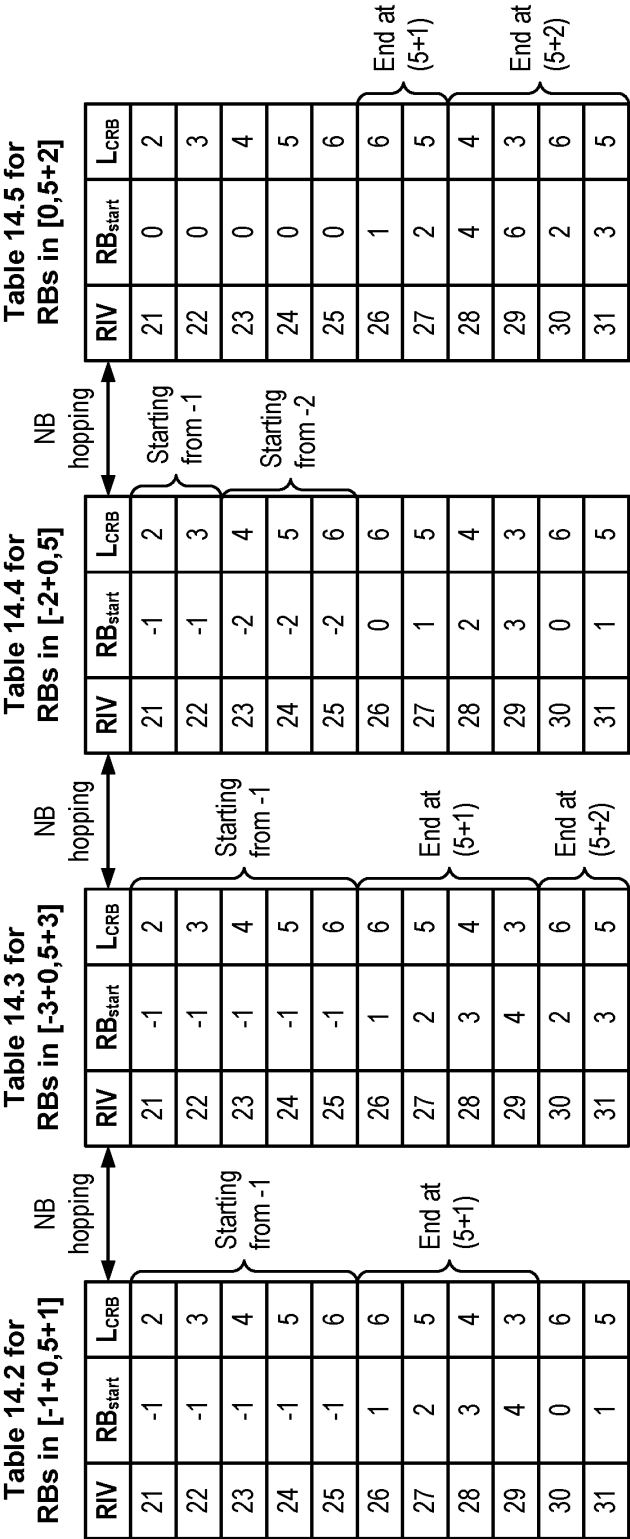


FIG. 14A

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For BW = 10MHz

Table 14.6 for RBs in [-1+0, 5+2]

RIV	RB _{start}	L _{CRB}	
21	-1	2	Starting from -1
22	-1	3	
23	-1	4	
24	-1	5	
25	-1	6	
26	2	6	End at (5+2)
27	3	5	
28	4	4	
29	5	3	
30			
31			

FIG. 14B

For BW = 20MHz

Table 14.7 for RBs in [-2+0,5] Table 14.8 for RBs in [0,5+2]

RIV	RB _{start}	L _{CRB}	RIV	RB _{start}	L _{CRB}
21	-2	2	21	0	2
22	-2	3	22	0	3
23	-2	4	23	0	4
24	-2	5	24	0	5
25	-2	6	25	0	6
26	0	6	26	1	6
27	1	5	27	2	5
28	2	4	28	4	4
29	3	3	29	6	3
30	0	2	30	2	2
31	-1	2	31	3	2

Starting from -2

End at (5+2)

Start from -1

FIG. 14C

Table 15

BW	$n_{NB} = 0, \dots, (N_{NB}/2 - 1)$ in 1st half BW	$n_{NB} = (N_{NB}/2), \dots, (N_{NB} - 1)$ in 2 nd half BW
3MHz	$NB_{offset} = \{-1RB, 0\}$	$NB_{offset} = 0$
5MHz	$NB_{offset} = 0$	$NB_{offset} = \{-1RB, 0\}$
10MHz	$NB_{offset} = \{-1RB, 0\}$	
15MHz	$NB_{offset} = \{-1RB, 0\}$	$NB_{offset} = \{-2RBs, 0\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = 0$ for $n_{NB} \bmod 2 = 1$;
20MHz	$NB_{offset} = \{-2RBs, 0\}$ for $n_{NB} \bmod 2 = 0$; $NB_{offset} = 0$ for $n_{NB} \bmod 2 = 1$;	

FIG. 15

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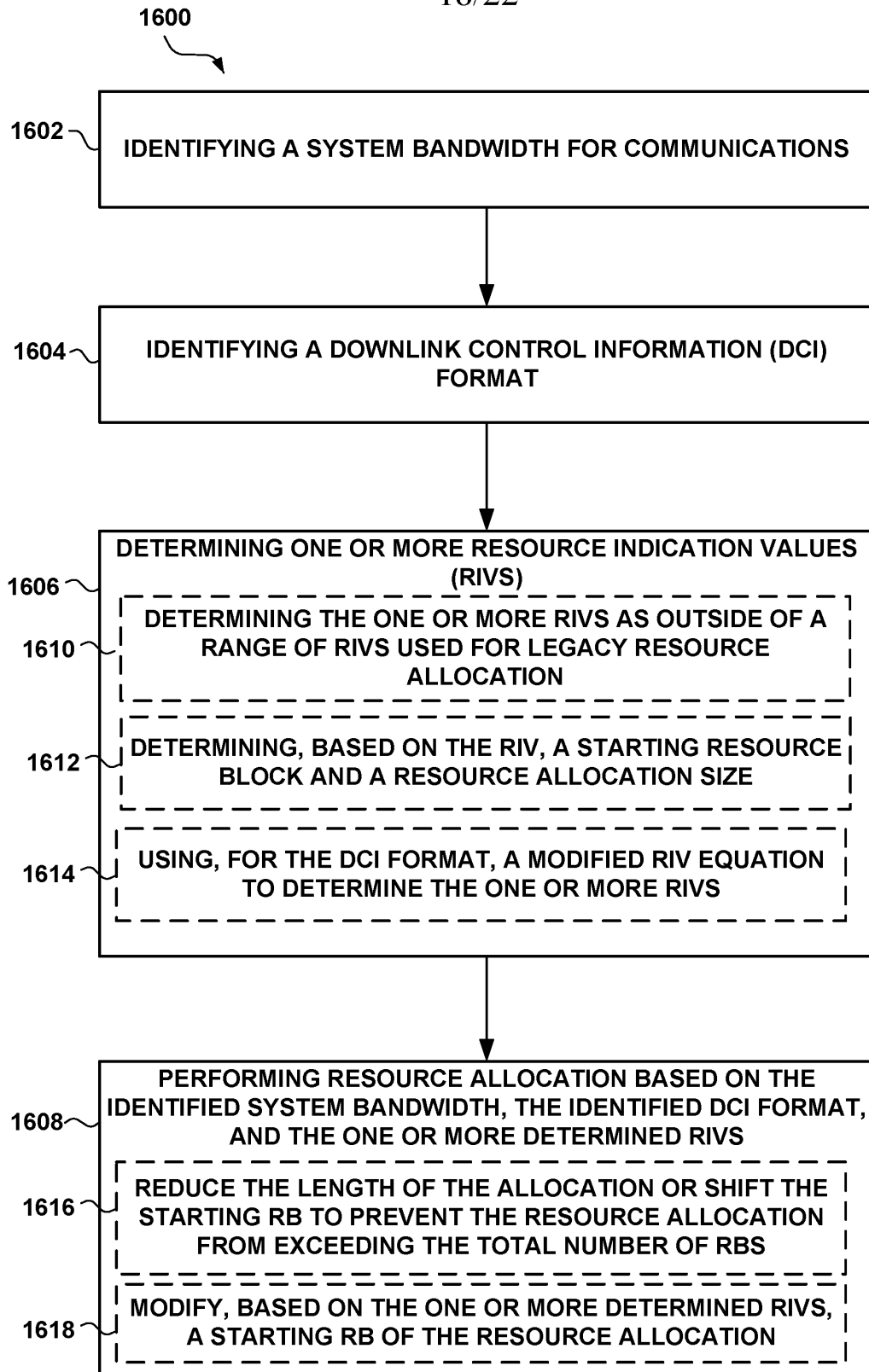


FIG. 16

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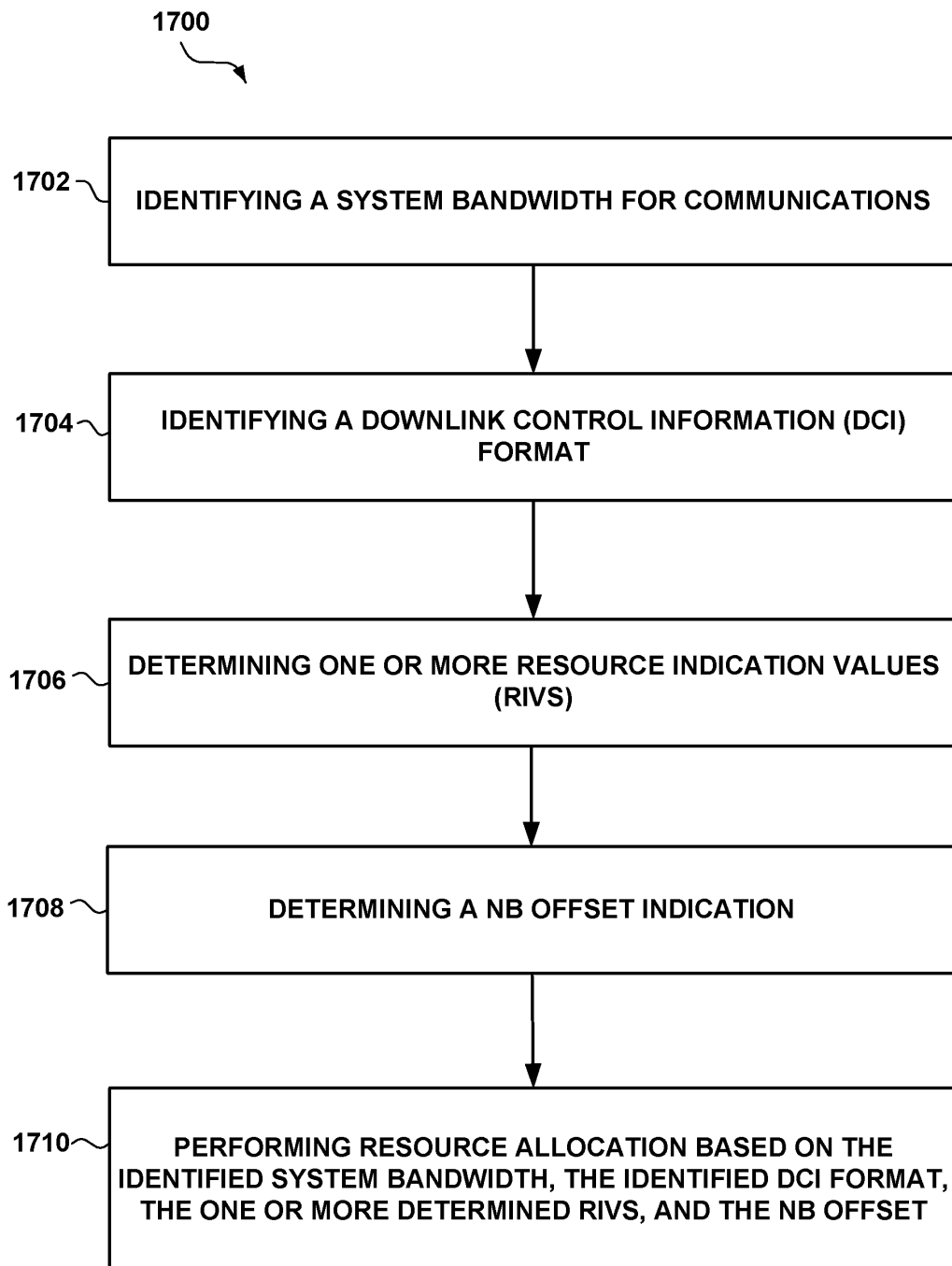


FIG. 17

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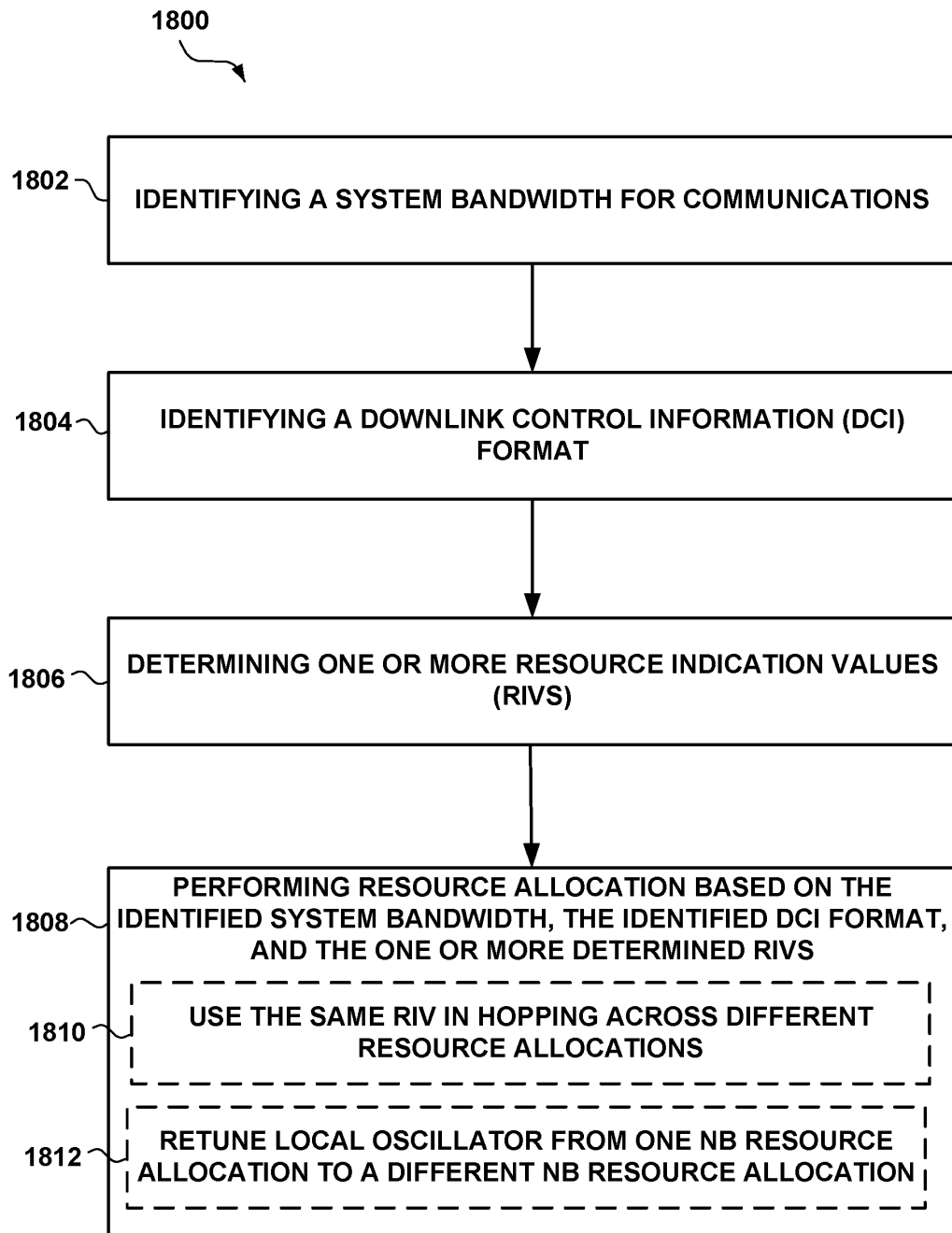


FIG. 18

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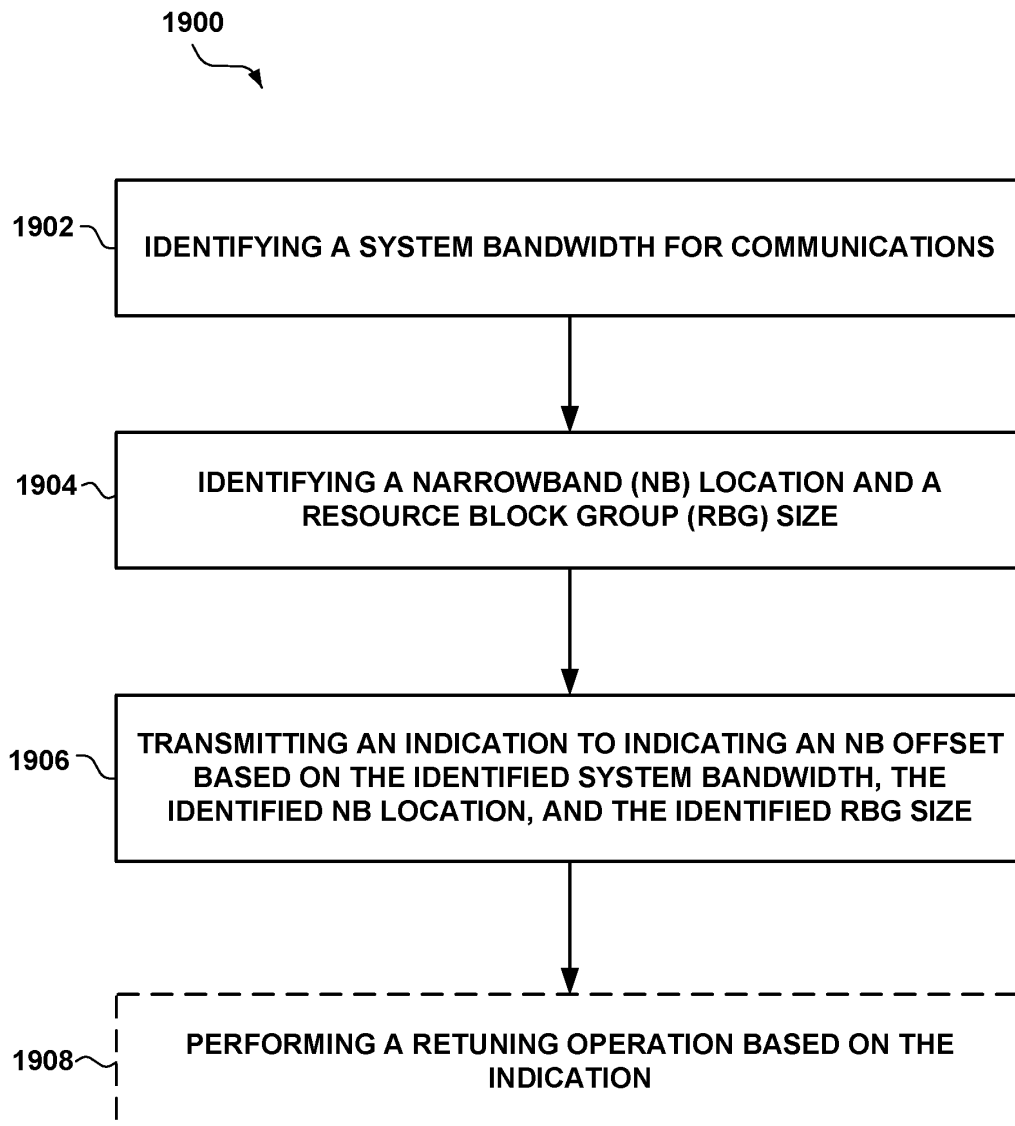


FIG. 19

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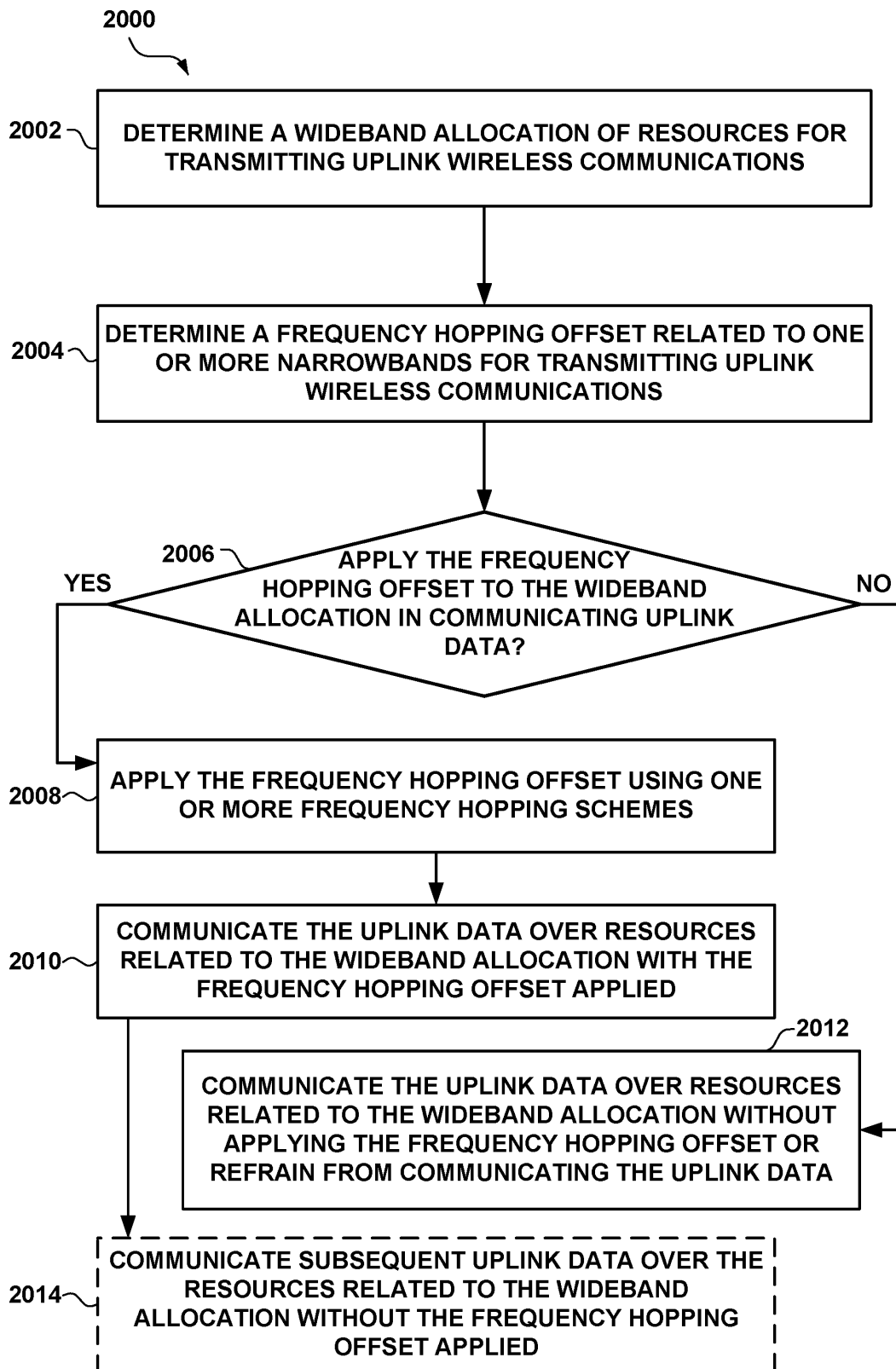


FIG. 20