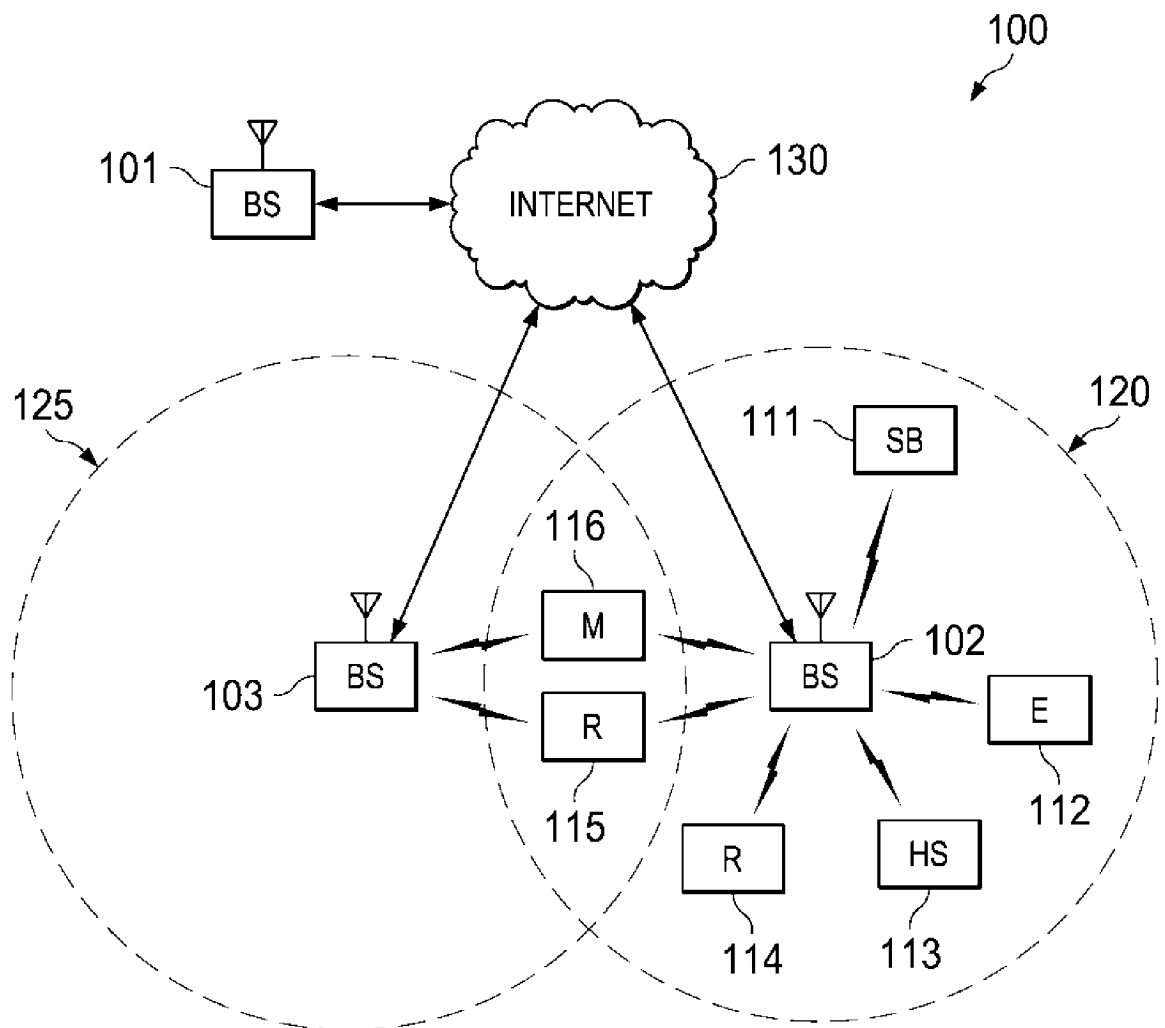
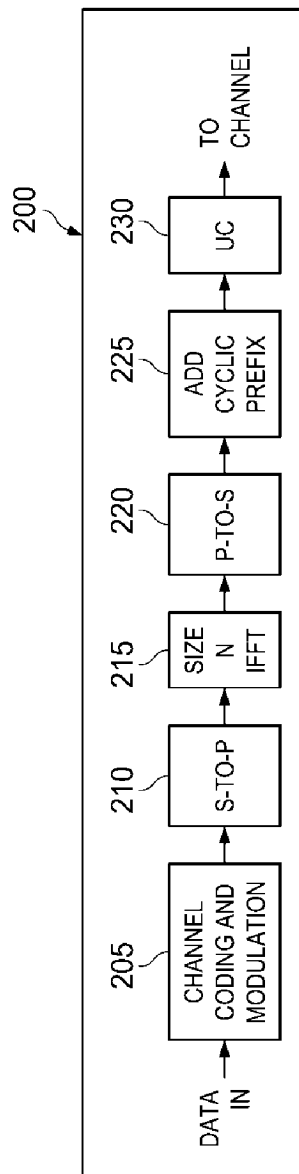


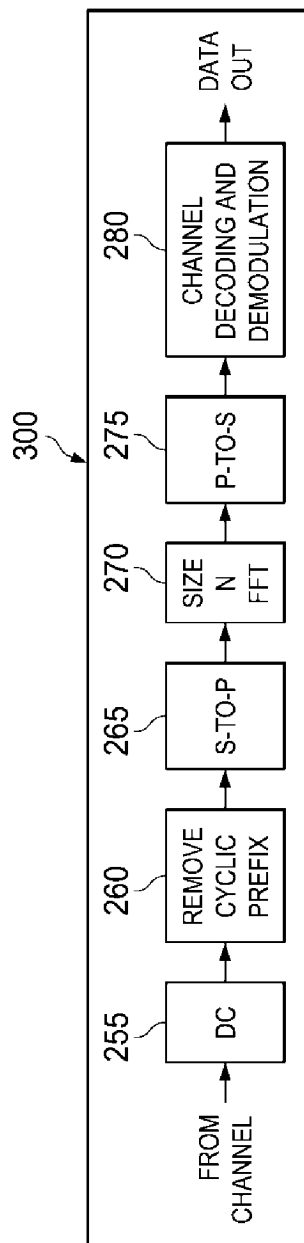
[Fig. 1]



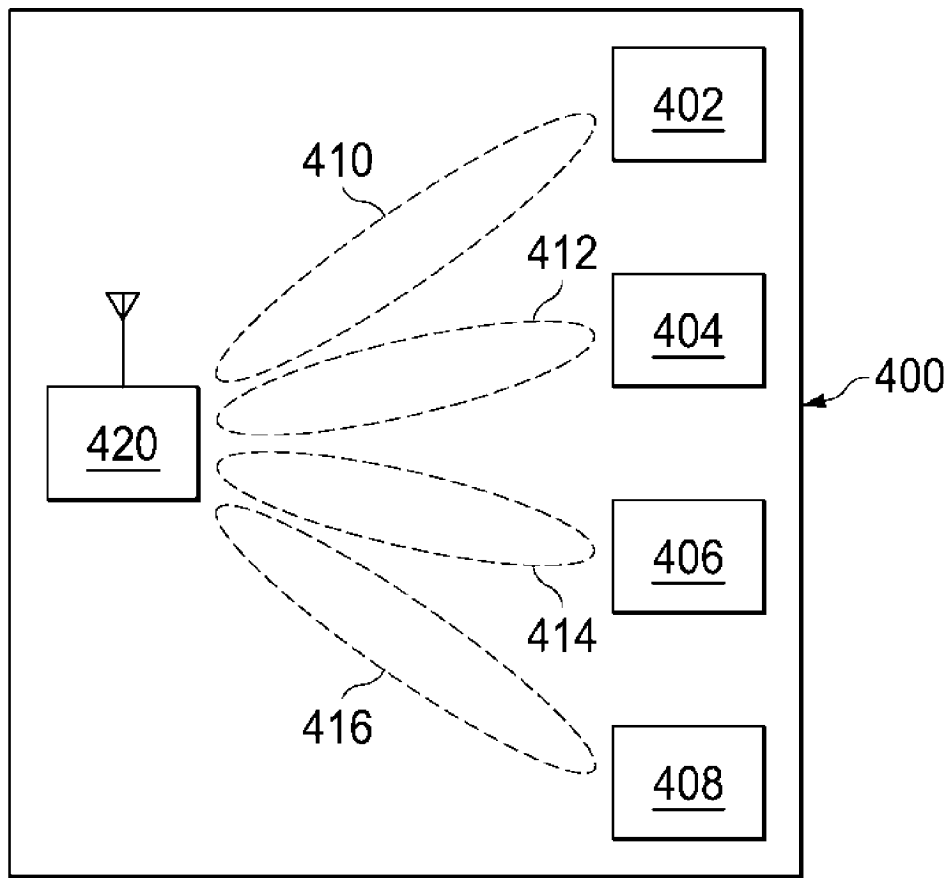
[Fig. 2]



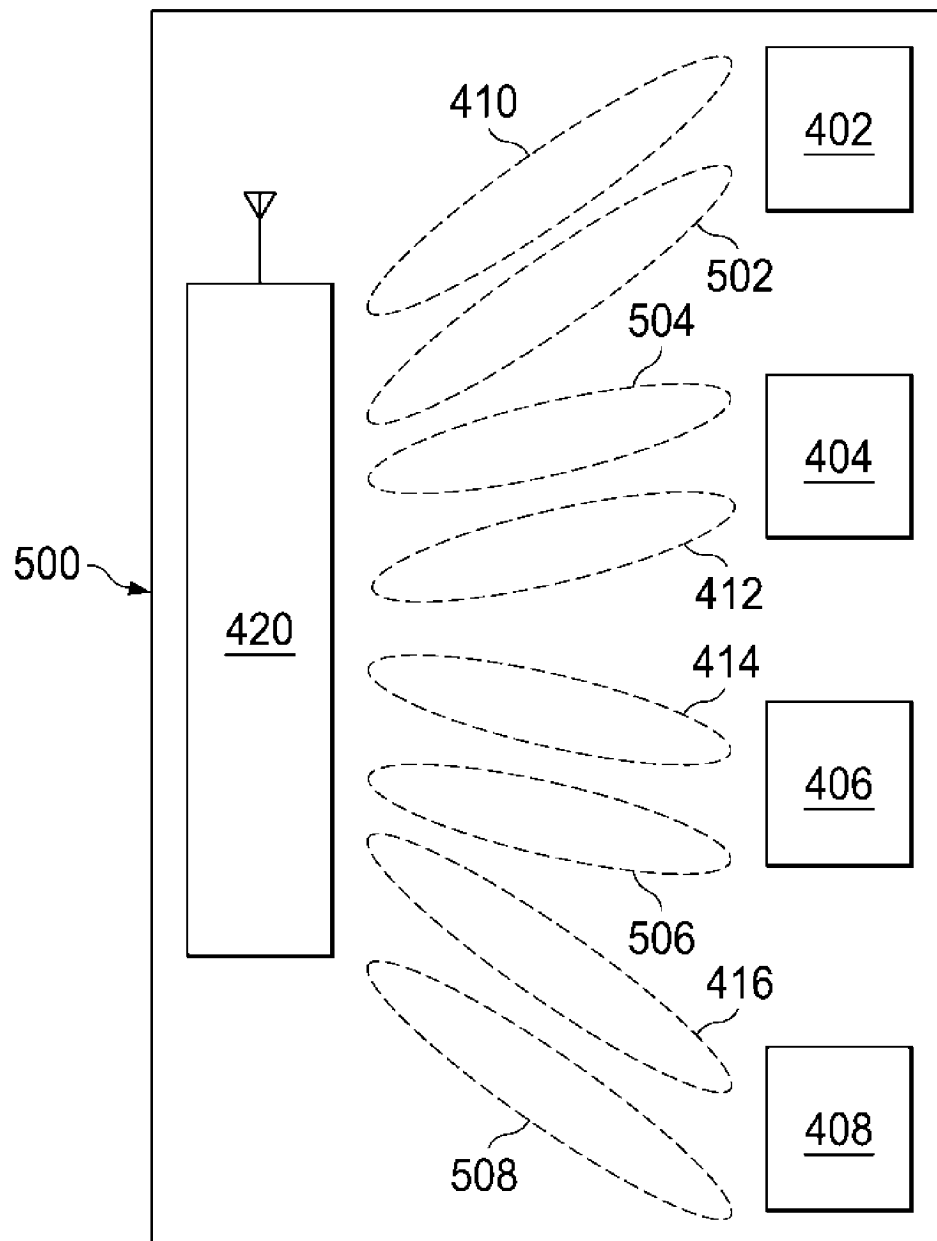
[Fig. 3]



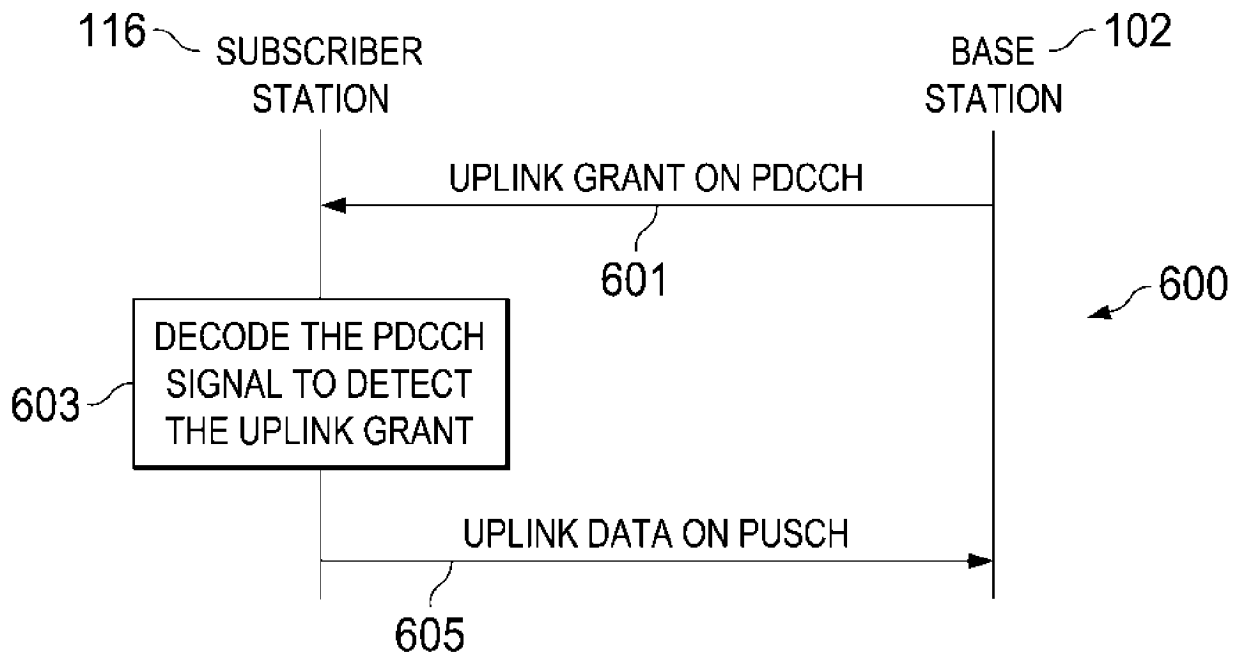
[Fig. 4]



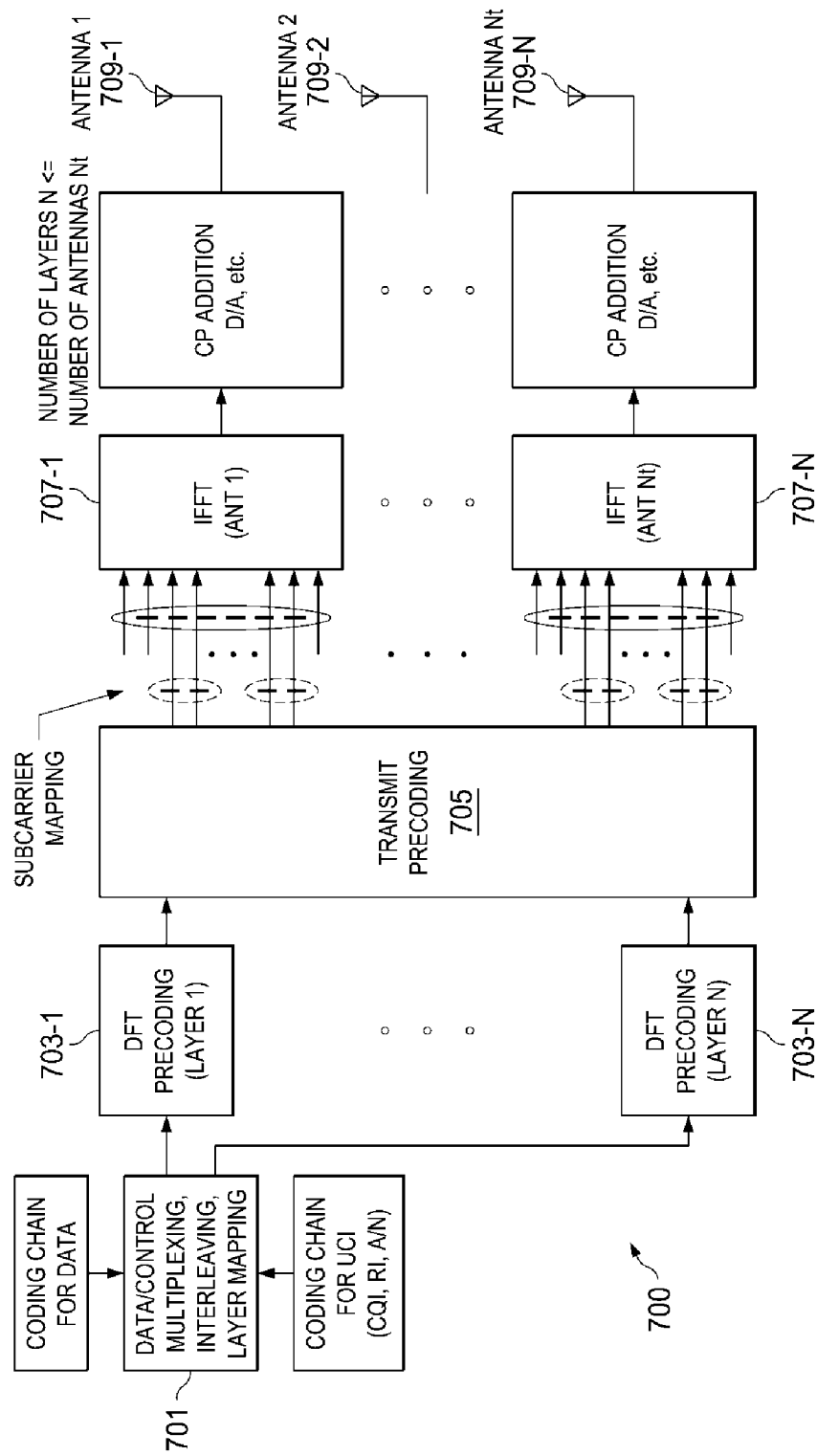
[Fig. 5]



[Fig. 6]



[Fig. 7]



[Fig. 8]

800

UL TRANSMISSION MODE	DCI FORMAT	SEARCH SPACE	TRANSMISSION SCHEME OF PUSCH CORRESPONDING TO PDCCH
UL MODE 1	DCI FORMAT 0	COMMON AND UE SPECIFIC BY C-RNTI	SINGLE-ANTENNA PORT, CONTIGUOUS BW ALLOCATION
	DCI FORMAT 0A	UE SPECIFIC BY C-RNTI	SINGLE-ANTENNA PORT, NON-CONTIGUOUS BW ALLOCATION
UL MODE 2	DCI FORMAT 0/0A	COMMON AND UE SPECIFIC BY C-RNTI	SINGLE-ANTENNA PORT, CONTIGUOUS OR NON-CONTIGUOUS BW ALLOCATION
	DCI FORMAT 0B	UE SPECIFIC BY C-RNTI	MULTI-ANTENNA PORT PRECODING

A

810

TRANSPORT BLOCK 1	TRANSPORT BLOCK 2	CODEWORD 0 (ENABLED)	CODEWORD 1 (DISABLED)
ENABLED	DISABLED	TRANSPORT BLOCK 1	—
DISABLED	ENABLED	TRANSPORT BLOCK 2	—

B

[Fig. 9]

900

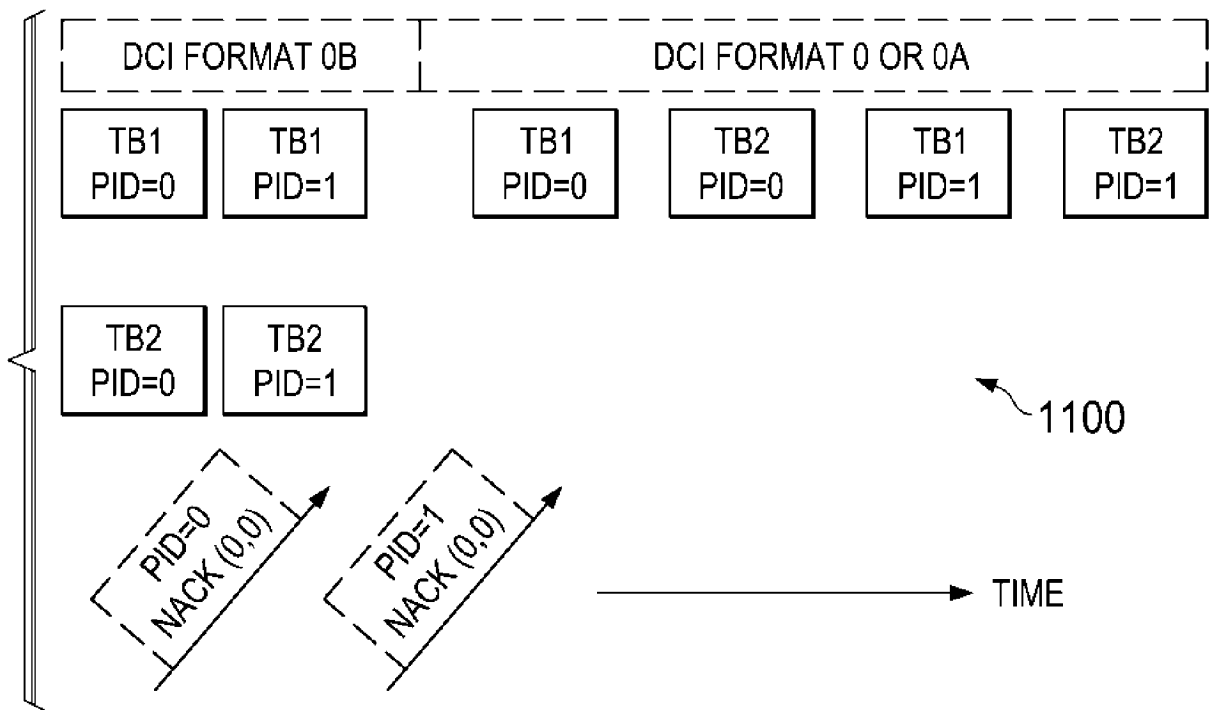
NUMBER OF LAYERS	NUMBER OF CODEWORDS	CODEWORD-TO-LAYER MAPPING $i = 0, 1, \dots, M_{\text{symb}}^{\text{layer}} - 1$
1	1	$x^{(0)}(i) = d^{(0)}(i)$ $M_{\text{symb}}^{\text{layer}} = M_{\text{symb}}^{(0)}$
2	2	$x^{(0)}(i) = d^{(0)}(i)$ $x^{(1)}(i) = d^{(1)}(i)$ $M_{\text{symb}}^{\text{layer}} = M_{\text{symb}}^{(0)} = M_{\text{symb}}^{(1)}$
3	2	$x^{(0)}(i) = d^{(0)}(i)$ $x^{(1)}(i) = d^{(1)}(2i)$ $x^{(2)}(i) = d^{(1)}(2i+1)$ $M_{\text{symb}}^{\text{layer}} = M_{\text{symb}}^{(0)} = M_{\text{symb}}^{(1)} / 2$
4	2	$x^{(0)}(i) = d^{(0)}(2i)$ $x^{(1)}(i) = d^{(0)}(2i+1)$ $x^{(2)}(i) = d^{(1)}(2i)$ $x^{(3)}(i) = d^{(1)}(2i+1)$ $M_{\text{symb}}^{\text{layer}} = M_{\text{symb}}^{(0)} / 2 = M_{\text{symb}}^{(1)} / 2$

[Fig. 10]

1000

UL TRANSMISSION MODE	DCI FORMAT	SEARCH SPACE	TRANSMISSION SCHEME OF PUSCH CORRESPONDING TO PDCCH
UL MODE 1	DCI FORMAT 0	COMMON AND UE SPECIFIC BY C-RNTI	SINGLE-ANTENNA PORT, CONTIGUOUS BW ALLOCATION
	DCI FORMAT 0A	UE SPECIFIC BY C-RNTI	SINGLE-ANTENNA PORT, NON-CONTIGUOUS BW ALLOCATION
UL MODE 2	DCI FORMAT 0	COMMON AND UE SPECIFIC BY C-RNTI	SINGLE-ANTENNA PORT, CONTIGUOUS BW ALLOCATION
	DCI FORMAT 0B	UE SPECIFIC BY C-RNTI	MULTI-ANTENNA PORT PRECODING

[Fig. 11]



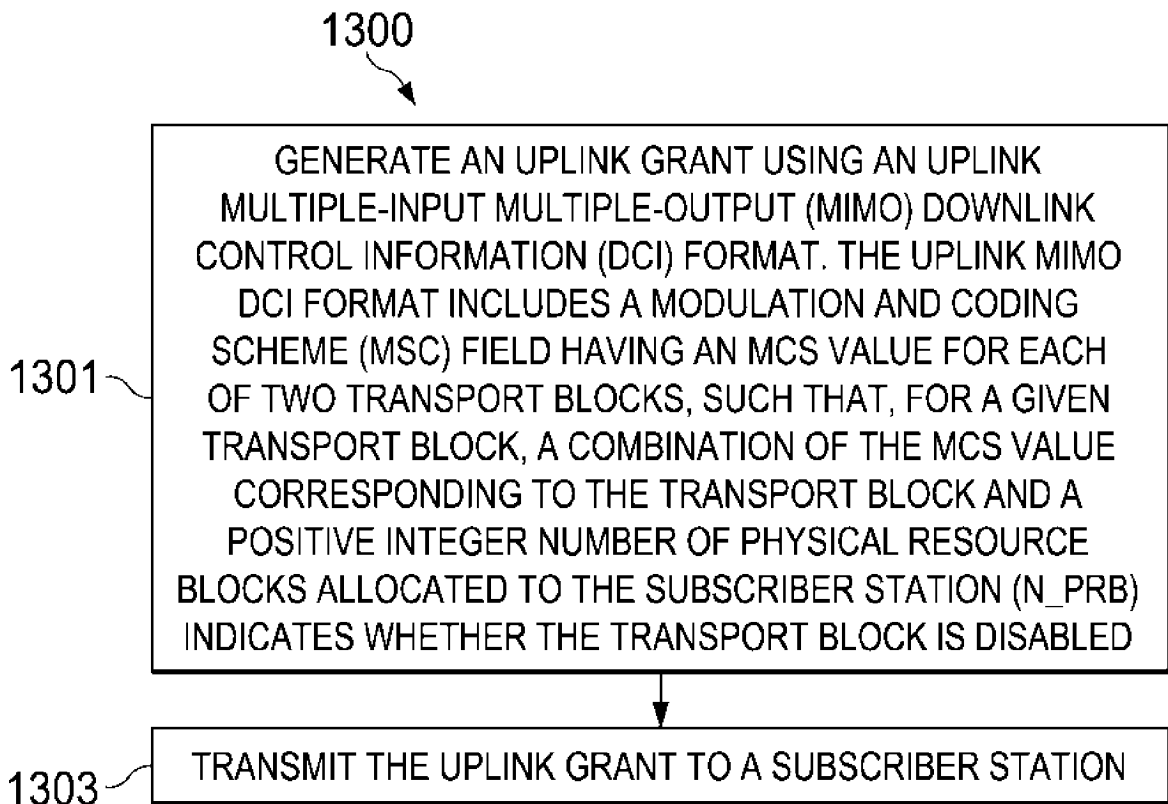
[Fig. 12]

1200

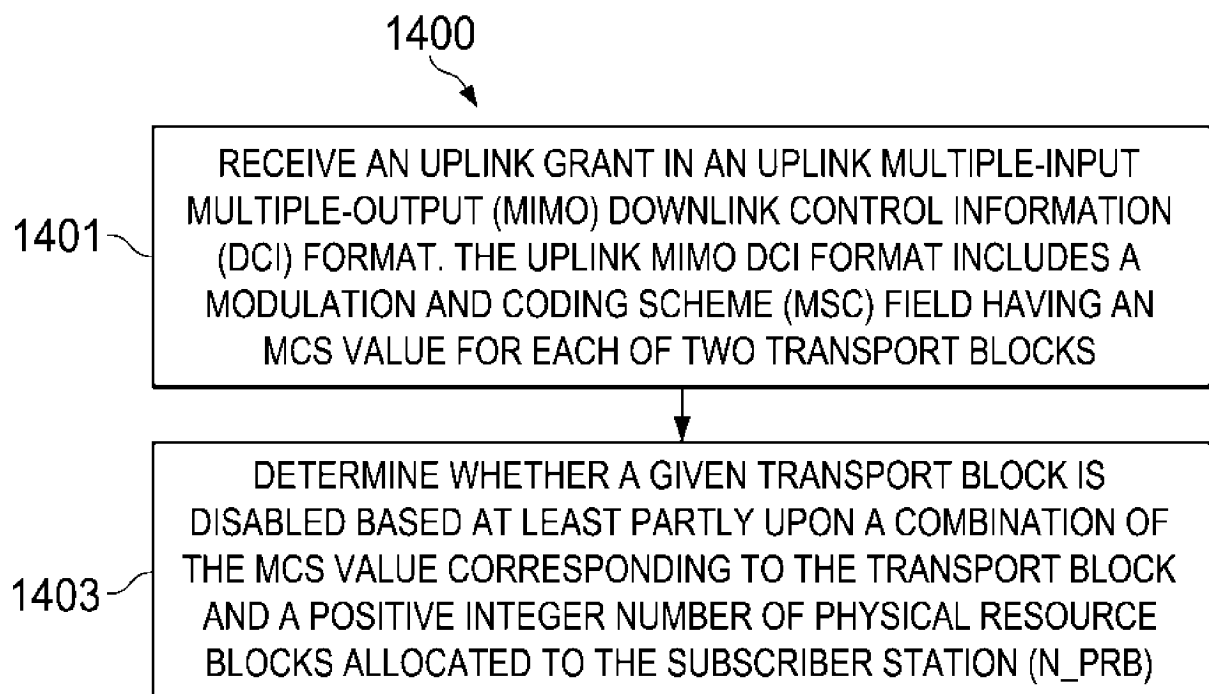


CYCLIC SHIFT FIELD IN DCI FORMAT 0 [3]	$n_{\text{DMRS}}^{(2)}$	INDICATED TB INDEX
000 (0)	0	TB1
001 (1)	6	TB1
010 (2)	3	TB1
011 (3)	4	TB1
100 (4)	2	TB2
101 (5)	8	TB2
110 (6)	10	TB2
111 (7)	9	TB2

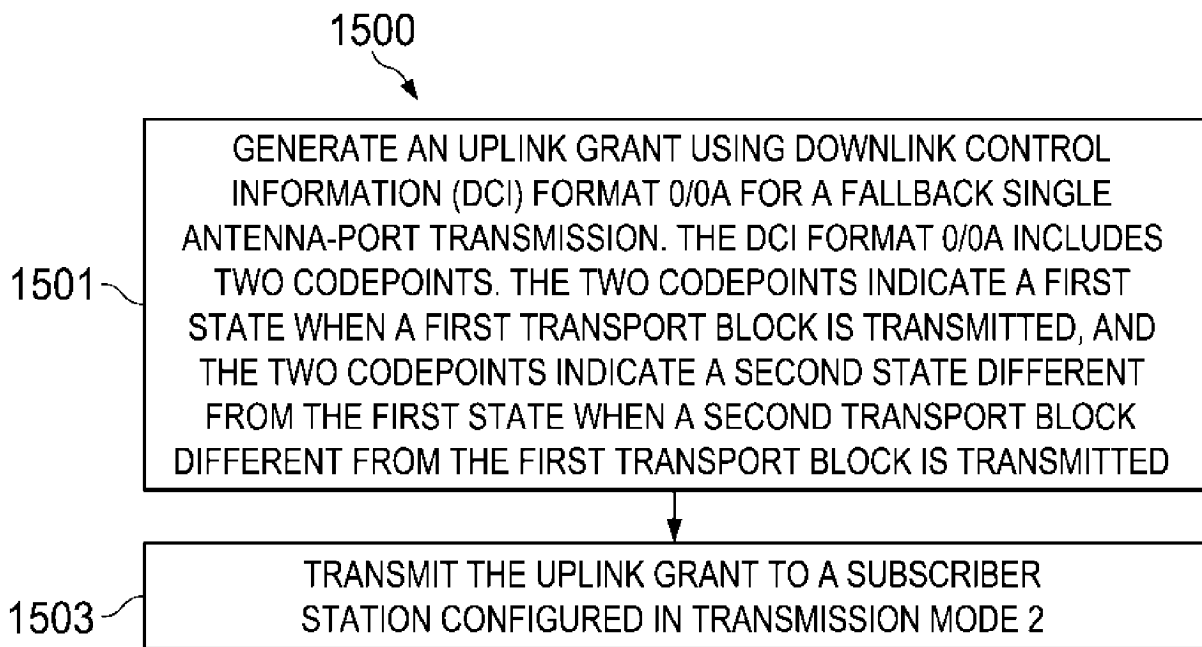
[Fig. 13]



[Fig. 14]



[Fig. 15]



[Fig. 16]

