

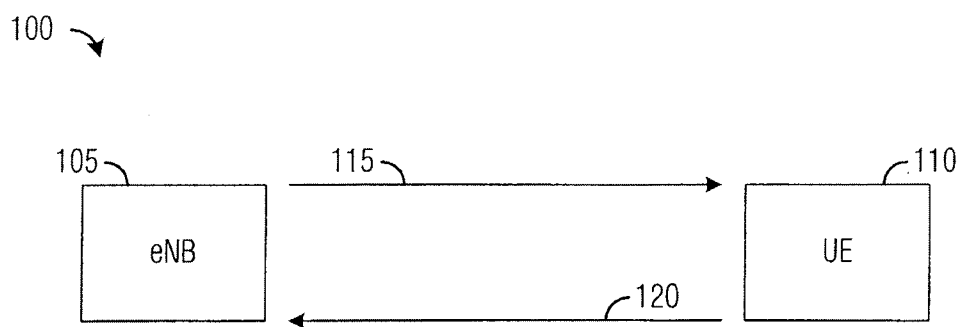


Fig. 1

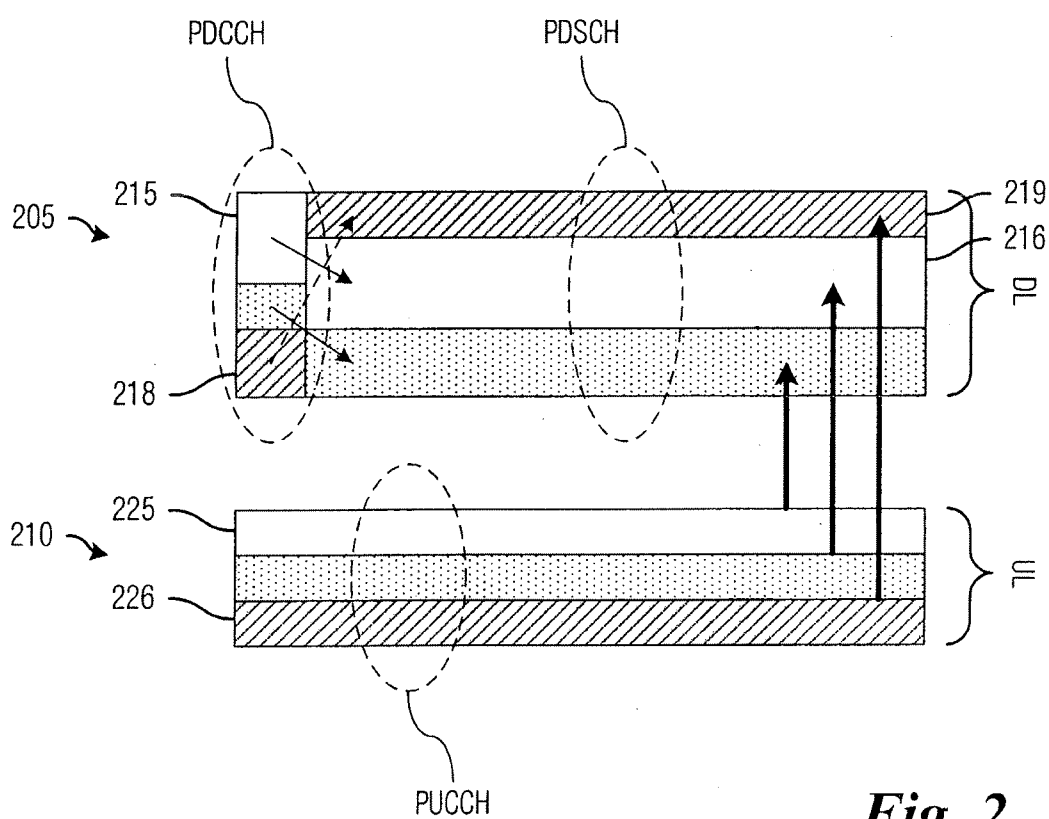
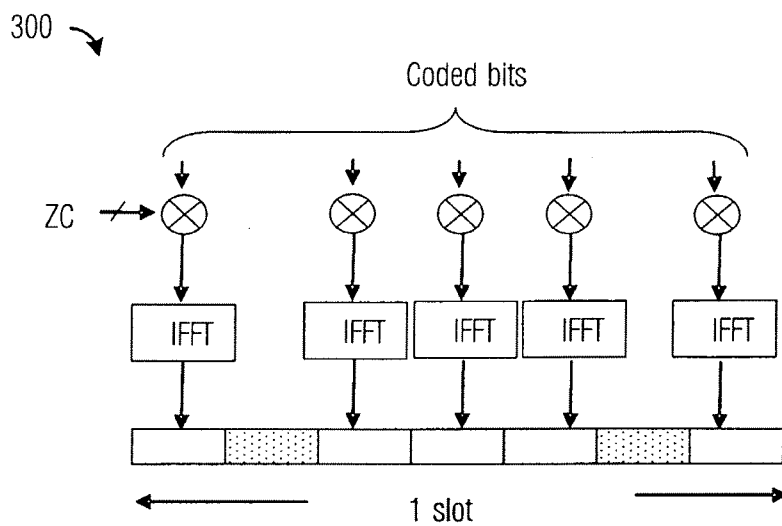
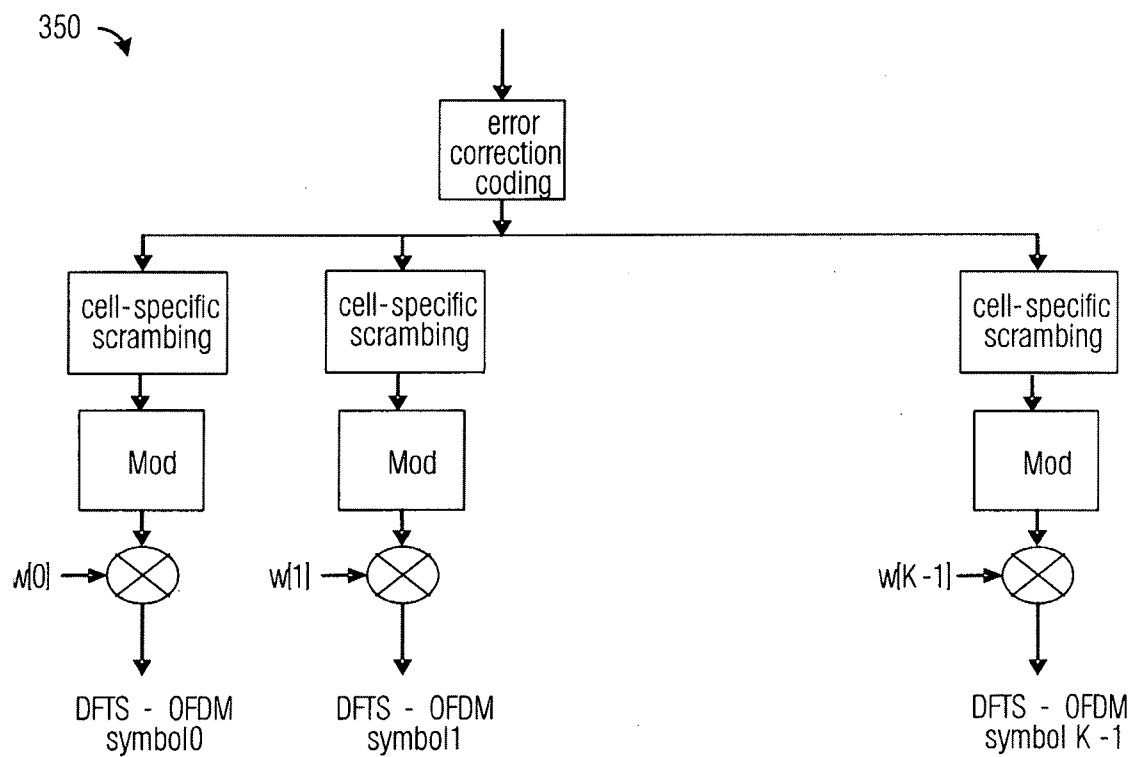
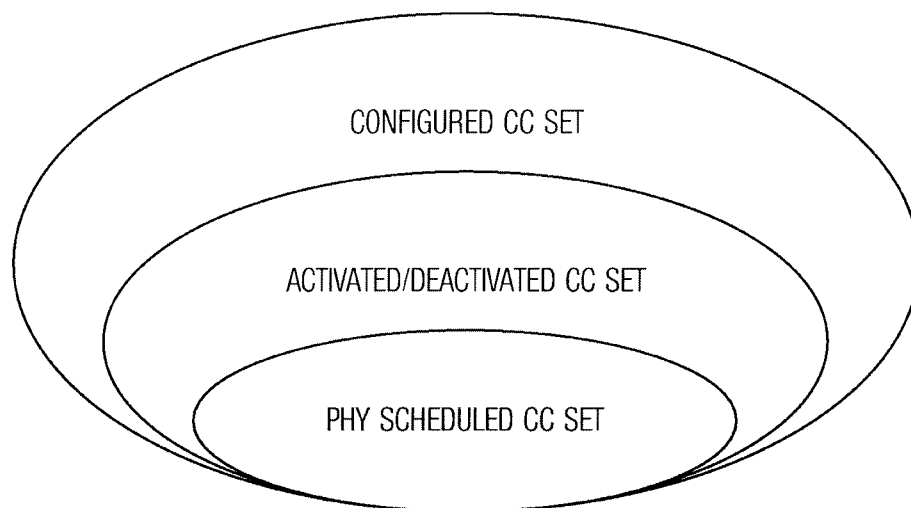
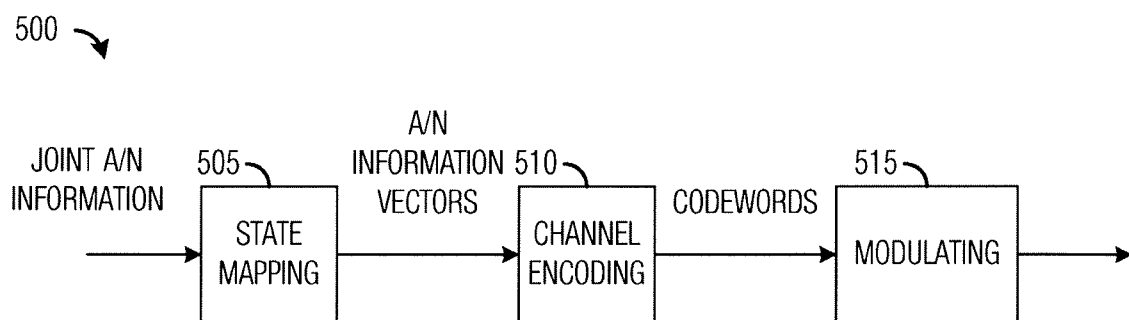


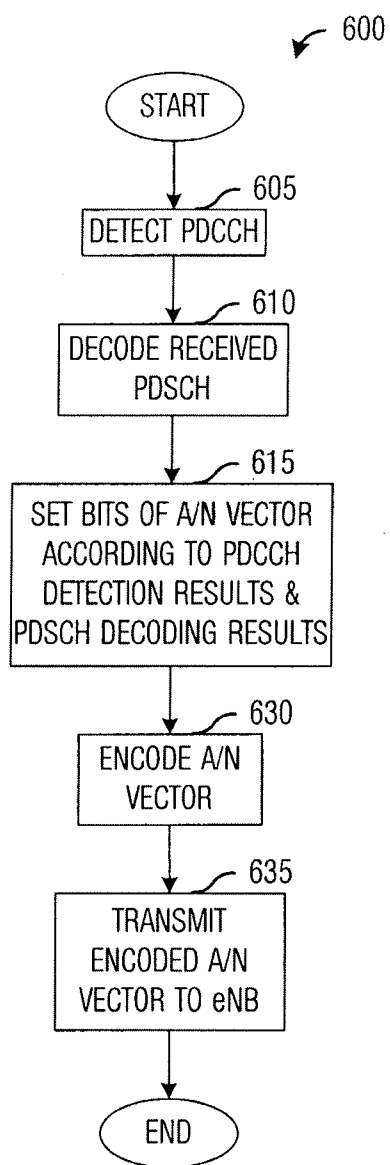
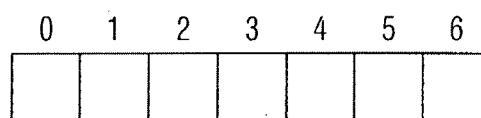
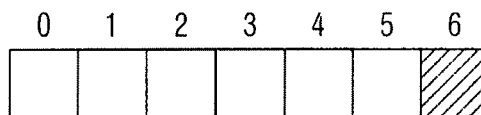
Fig. 2

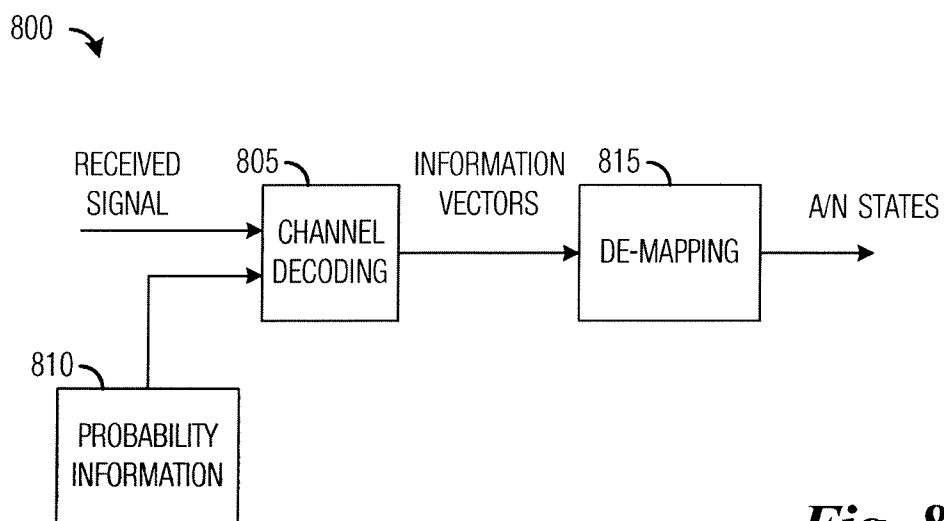
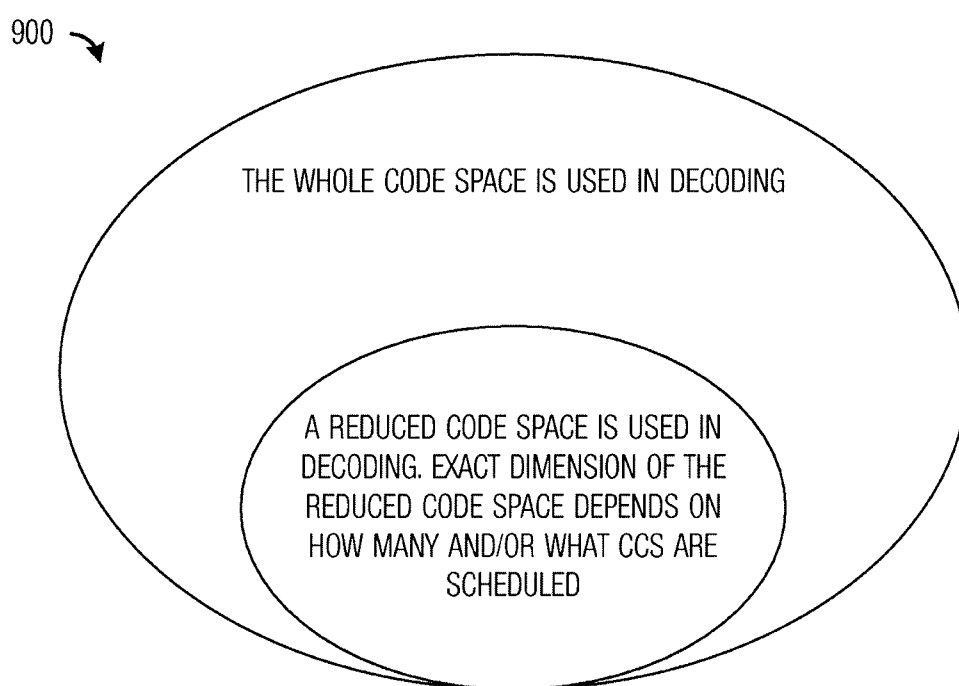
2/12

*Fig. 3a**Fig. 3b*

3/12

**Fig. 4****Fig. 5**

**Fig. 6****Fig. 7a****Fig. 7b**

*Fig. 8**Fig. 9*

6/12
CC #1 (2 BITS)

1	0	0	A,A
2	1	0	N,A
3	0	1	A,N
4	1	1	N,N

Fig. 10a

	CC #2		CC #1		(5 BITS)
1	0	0	0	0	NO DTX
1	0	0	1	0	
1	0	0	0	1	
1	0	0	1	1	
1	1	0	0	0	
1	1	0	1	0	
1	1	0	0	1	
1	1	0	1	1	
1	0	1	0	0	
1	0	1	1	0	
1	0	1	0	1	
1	0	1	1	1	
1	1	1	0	0	
1	1	1	1	0	
1	1	1	0	1	
1	1	1	1	1	
0	0	1	0	0	CC #2=A,N; CC #1=DTX
0	0	1	1	0	
0	0	1	0	1	
0	0	1	1	1	
0	0	0	0	0	CC #2=DTX; CC #1=A,N
0	0	0	1	0	
0	0	0	0	1	
0	0	0	1	1	

Fig. 10b

CC#3			CC#2			CC#1			(7 BITS)			
1	ALL A/N COMBINATIONS OF THREE CCS									NO DTX		
0	1	1	ALL A/N COMBS OF TWO CCS						CC#1=A/N CC#1=A/N CC#1=DTX CC#1=DTX CC#1=DTX CC#1=A/N			
0	1	0	ALL A/N COMBS OF TWO CCS						CC#2=A/N CC#2=DTX CC#2=A/N CC#2=DTX CC#2=A/N CC#2=DTX			
0	0	1	ALL A/N COMBS OF TWO CCS						CC#3=DTX CC#3=A/N CC#3=A/N CC#3=DTX CC#3=DTX CC#3=DTX			
0	0	0	1	0	ALL COMBS OF 1 CC				CC#3=A/N CC#3=DTX CC#3=DTX CC#3=DTX CC#3=DTX			
0	0	0	1	0	ALL COMBS OF 1 CC				CC#3=A/N CC#3=DTX CC#3=DTX CC#3=DTX CC#3=DTX			
0	0	0	1	0	ALL COMBS OF 1 CC				CC#3=A/N CC#3=DTX CC#3=DTX CC#3=DTX CC#3=DTX			

Fig. 10c

CC#4		CC#3		CC#2		CC#1		(10 BITS)		
1	0	ALL A/N COMBINATIONS OF FOUR CCS						NO DTX		
0	1	0	1	ALL A/N COMBS OF THREE CCS						1005
0	1	0	0	ALL A/N COMBS OF THREE CCS						ONE DTX
0	0	1	1	ALL A/N COMBS OF THREE CCS						
0	0	1	0	ALL A/N COMBS OF THREE CCS						1010
0	0	0	1	1	0	ALL COMBS OF TWO CCS				TWO DTX
0	0	0	1	0	1	ALL COMBS OF TWO CCS				
0	0	0	1	0	0	ALL COMBS OF TWO CCS				
0	0	0	0	1	1	ALL COMBS OF TWO CCS				
0	0	0	0	1	0	ALL COMBS OF TWO CCS				
0	0	0	0	0	1	ALL COMBS OF TWO CCS				
0	0	0	0	0	0	1	1	ALL COMBS OF 1 CC		THREE DTX
0	0	0	0	0	0	1	0	ALL COMBS OF 1 CC		
0	0	0	0	0	0	0	1	ALL COMBS OF 1 CC		
0	0	0	0	0	0	0	0	ALL COMBS OF 1 CC		

Fig. 10d

		CC#5	CC#4	CC#3	CC#2	CC#1	(12 BITS)	
1	1						ALL A/N COMBINATIONS OF FIVE CCS	NO DTX
1	0	0	0				ALL A/N COMBINATIONS OF FOUR CCS	ONE DTX
0	1	1	1				ALL A/N COMBINATIONS OF FOUR CCS	
0	1	1	0				ALL A/N COMBINATIONS OF FOUR CCS	
0	1	0	1				ALL A/N COMBINATIONS OF FOUR CCS	
0	1	0	0				ALL A/N COMBINATIONS OF FOUR CCS	
0	0	1	1	0	0		ALL A/N COMBS OF THREE CCS	TWO DTX
0	0	1	0	1	1		ALL A/N COMBS OF THREE CCS	
0	0	1	0	1	0		ALL A/N COMBS OF THREE CCS	
0	0	1	0	0	1		ALL A/N COMBS OF THREE CCS	
0	0	1	0	0	0		ALL A/N COMBS OF THREE CCS	
0	0	0	1	1	1		ALL A/N COMBS OF THREE CCS	
0	0	0	1	1	0		ALL A/N COMBS OF THREE CCS	
0	0	0	1	0	1		ALL A/N COMBS OF THREE CCS	
0	0	0	1	0	0		ALL A/N COMBS OF THREE CCS	
0	0	0	0	1	1		ALL A/N COMBS OF THREE CCS	

Fig. 10e-1

10/12

CC#5		CC#4		CC#3		CC#2		CC#1		(12 BITS)	
0	0	0	0	1	0	1	1	ALL A/N COMBS OF 2 CCS			
0	0	0	0	1	0	1	0	ALL A/N COMBS OF 2 CCS			
0	0	0	0	1	0	0	1	ALL A/N COMBS OF 2 CCS			
0	0	0	0	1	0	0	0	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	1	1	1	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	1	1	0	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	1	0	1	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	1	0	0	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	0	1	1	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	0	1	0	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	0	0	1	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	0	0	0	ALL A/N COMBS OF 2 CCS			
0	0	0	0	0	0	0	0	ALL A/N COMBS OF 1 CC			
0	0	0	0	0	0	0	0	1	1	ALL A/N COMBS OF 1 CC	
0	0	0	0	0	0	0	0	1	0	ALL A/N COMBS OF 1 CC	
0	0	0	0	0	0	0	0	0	1	ALL A/N COMBS OF 1 CC	
0	0	0	0	0	0	0	0	0	0	ALL A/N COMBS OF 1 CC	

THREE DTX

FOUR DTX

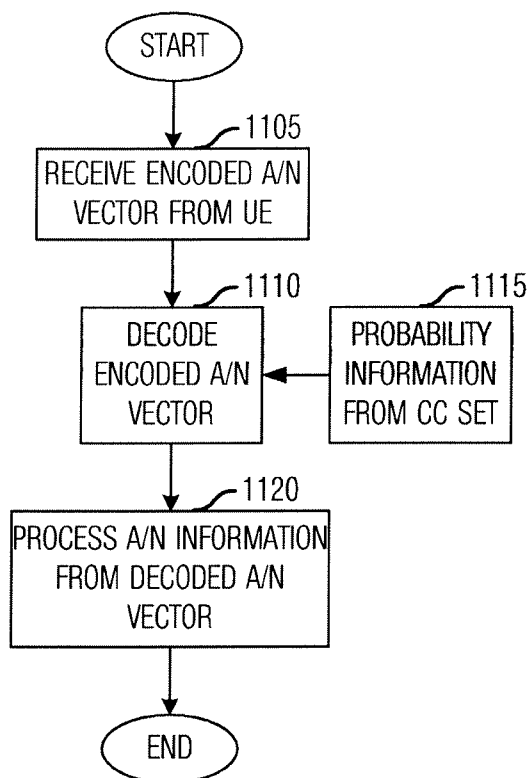
THREE DTX

FOUR DTX

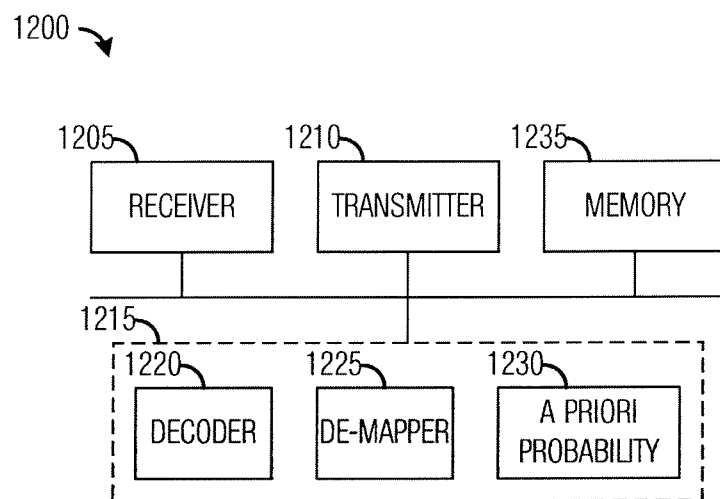
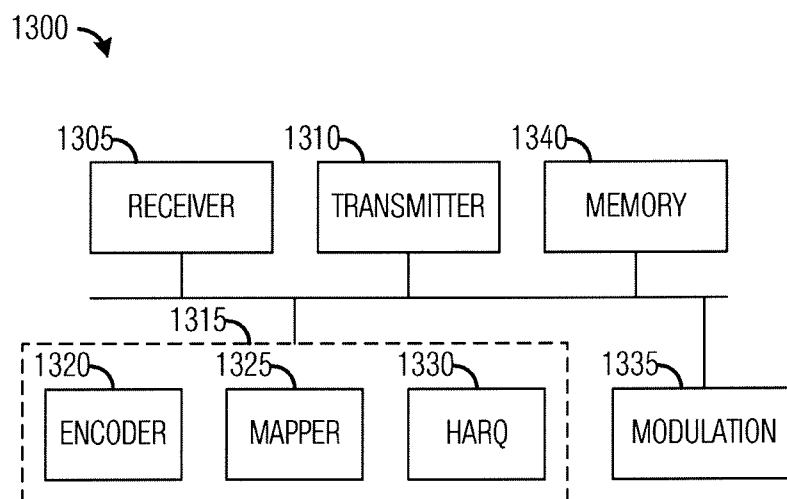
Fig. 10e-2

11/12

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*Fig. 11*

12/12

**Fig. 12****Fig. 13**