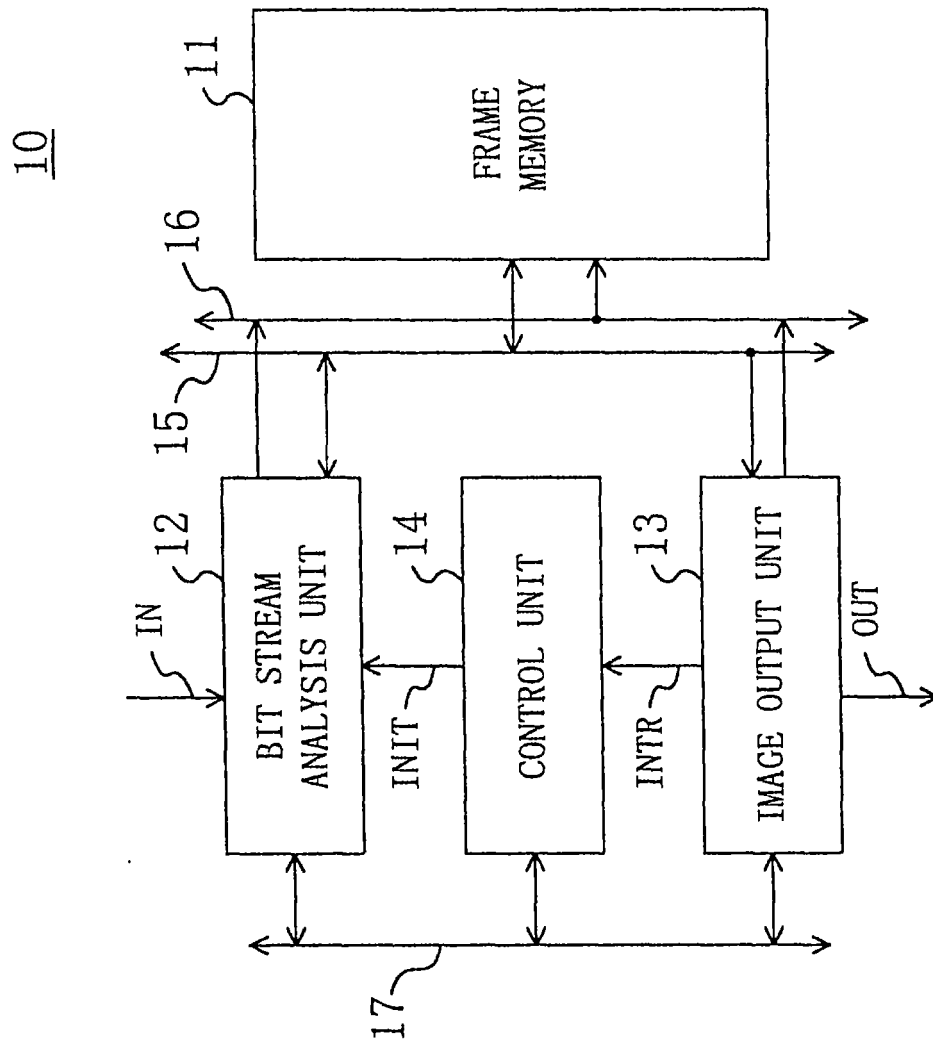


Fig. 1



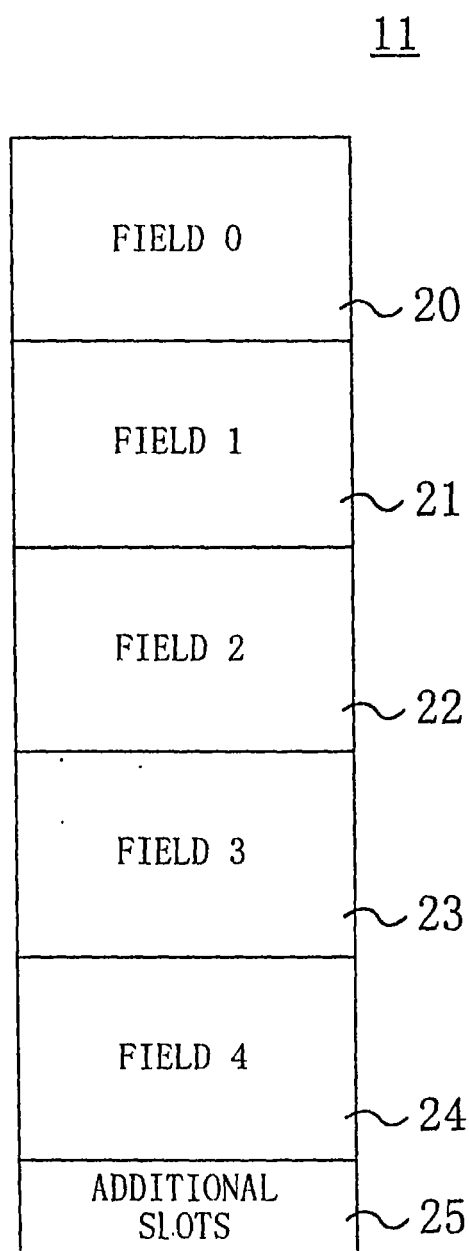
G00002



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Fig. 2



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Fig. 3

20

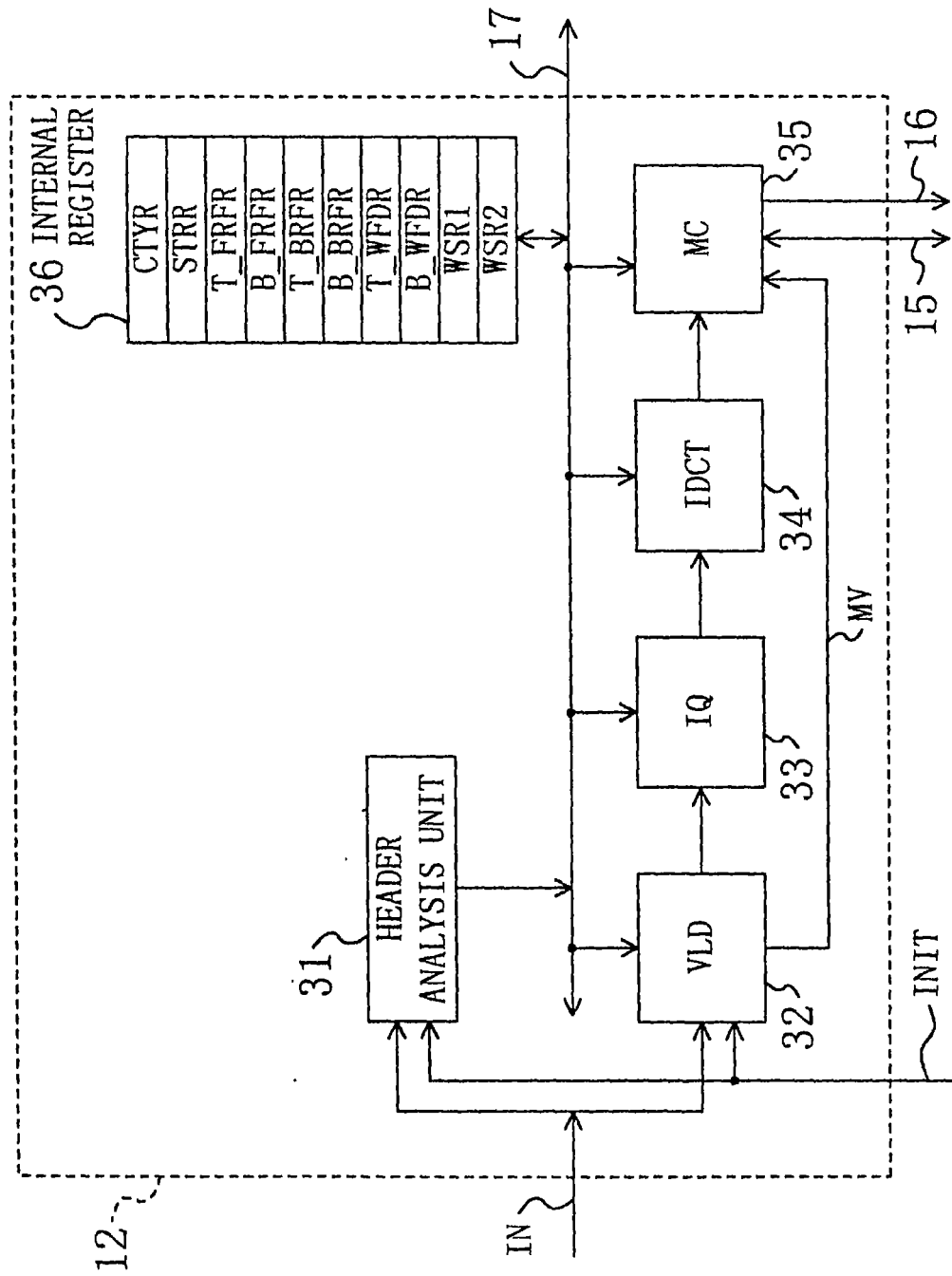
SLOT 0
SLOT 1
SLOT 2
SLOT 3
SLOT 4
SLOT 5
SLOT 6
SLOT 7
⋮
SLOT N-1

Fig. 4

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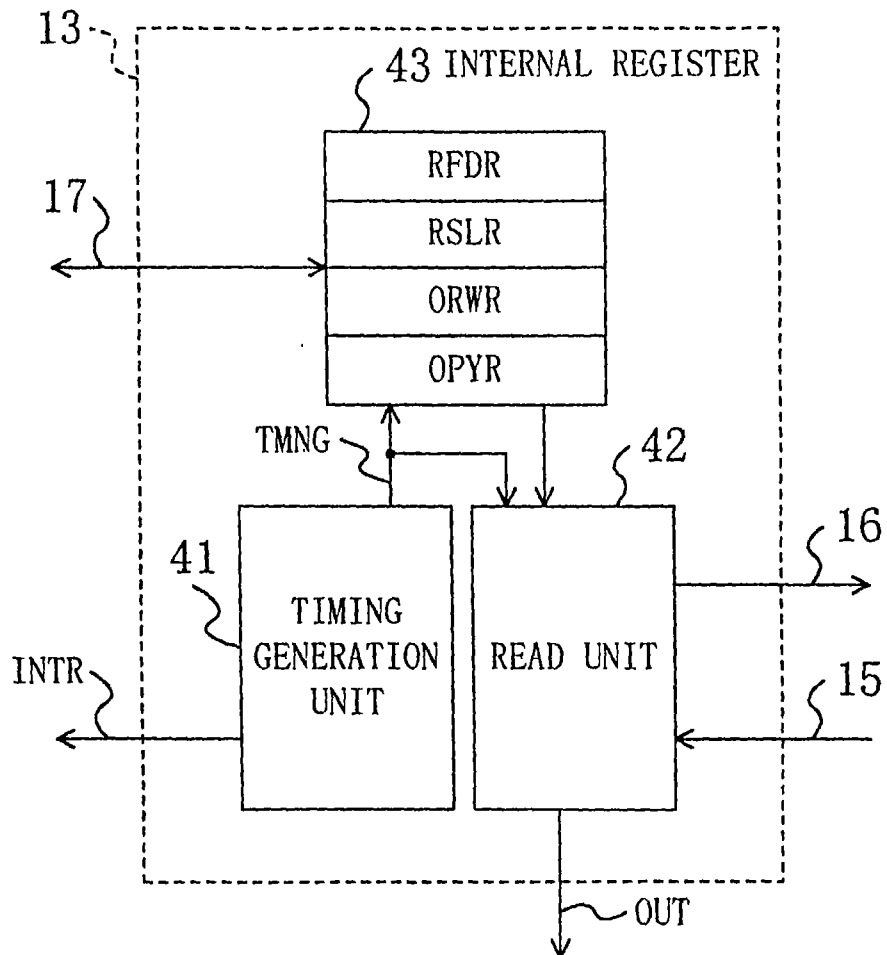
SLOT N
SLOT N+1
SLOT N+2

Fig. 5



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Fig. 6



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Fig. 7

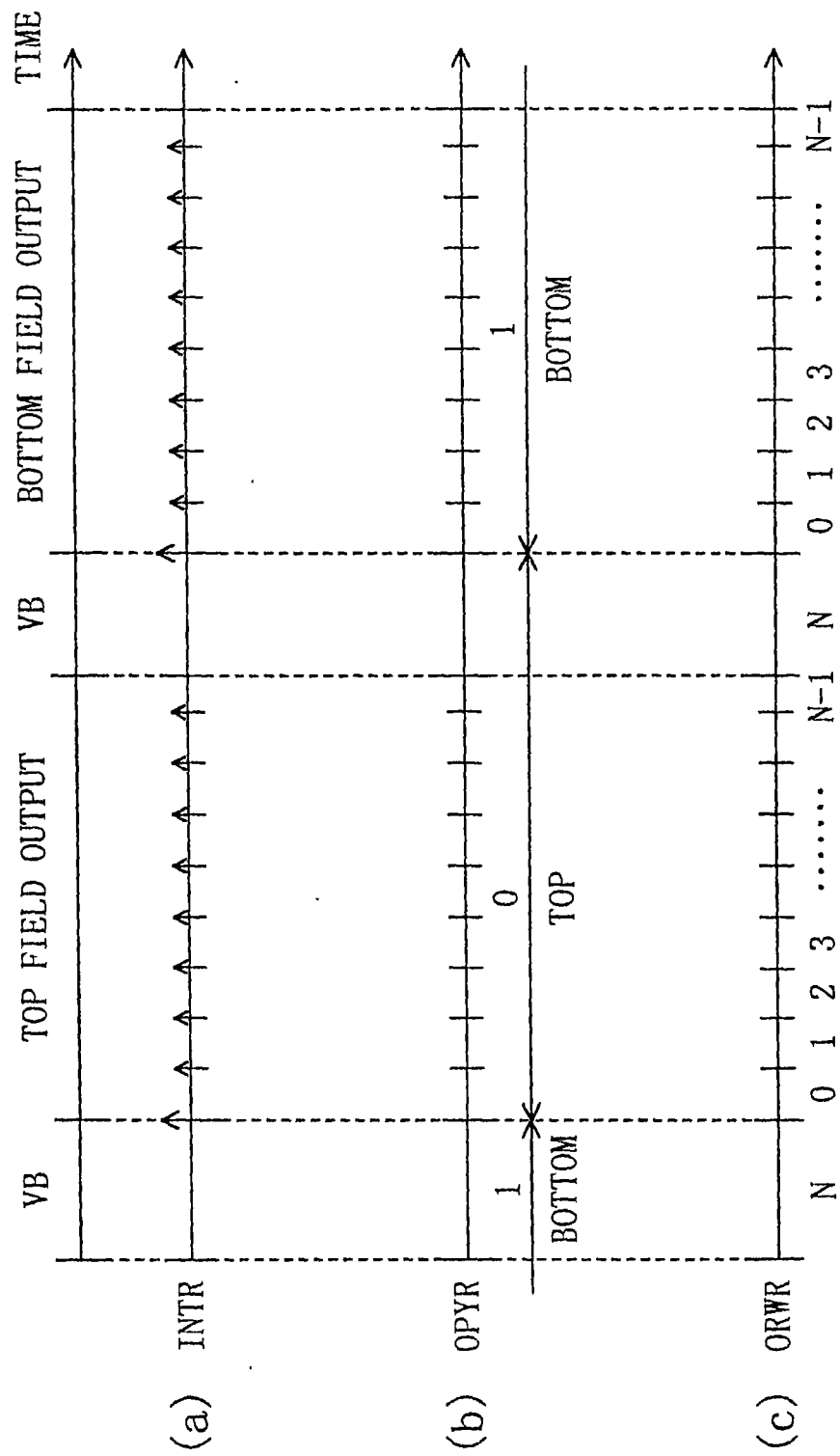


Fig. 8

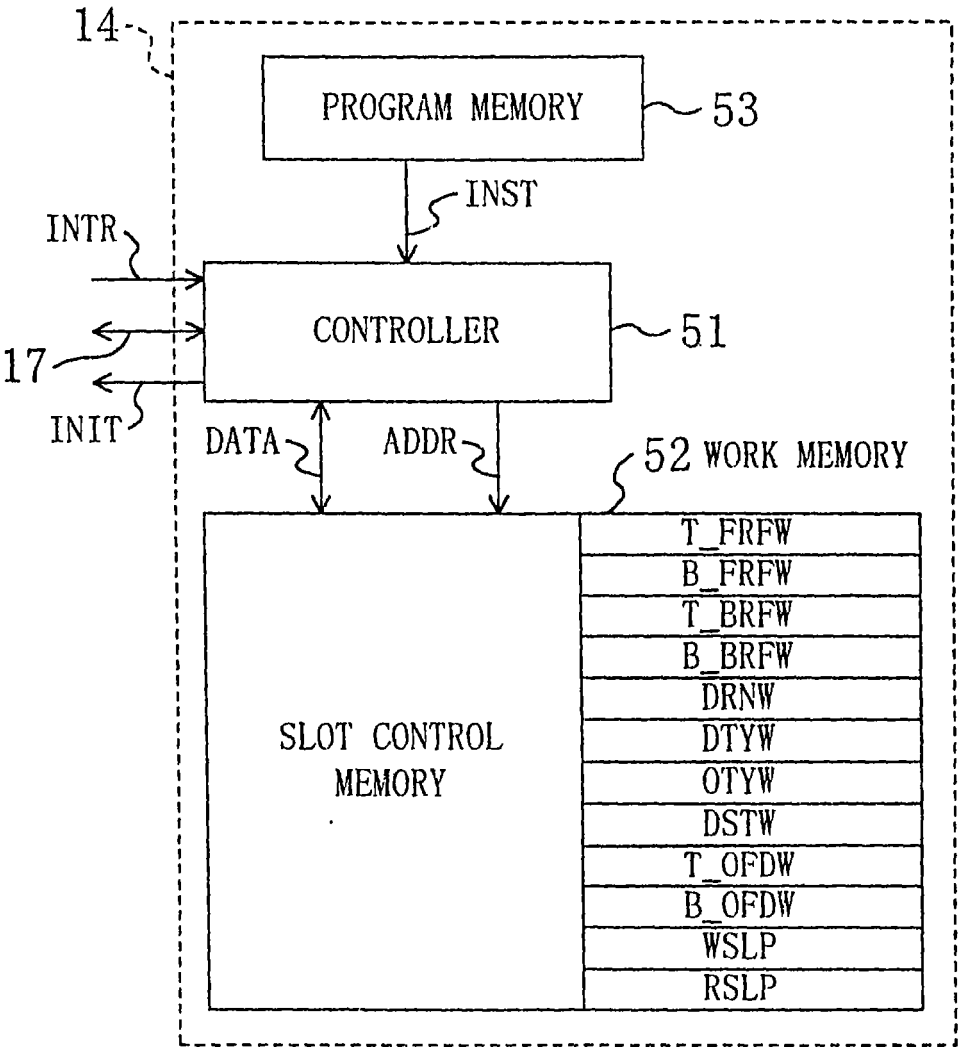


Fig. 9

	(0)	(1)	(2)	(3)	(4)	(5)	(6)
	INITIAL VALUE						
	IO DECODE		P1 DECODE	P4 DECODE	B2 DECODE	B3 DECODE	P5 DECODE
DTYW	I	I	P	P	B	B	P
T_FRFW	0	2	4	1	1	1	3
B_FRFW	1	3	0	2	2	2	4
T_BRFW	2	4	1	3	3	3	1
B_BRFW	3	0	2	4	4	4	2
OPYR	0	1	0	1	0	1	0
OTYW	IP	IP	IP	IP	B	B	IP
T_OFDW	0	2	4	1	0	0	3
B_OFDW	1	3	0	2	0	0	4
RFDR	0	1	2	3	4	0	0
				1	2	0	3
							4

IO OUTPUT P1 OUTPUT B2 OUTPUT B3 OUTPUT P4 OUTPUT

PERIOD	0	1	2	3	4	5	6	7	8	9	10	11
ORWR	5	0	1	2	3	4	5	0	1	2	3	4
OPYR	0	1	1	1	1	1	1	0	0	0	0	0
OTYW	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
RFDR	0	1	1	1	1	1	2	2	2	2	2	2
RSLR	5	0	1	2	3	4	5	0	1	2	3	4
T_OFDW	0	0	0	0	0	0	0	2	2	2	2	2
B_OFDW	1	1	1	1	1	1	1	3	3	3	3	3
T_FRFW	2		2		2		2		2		2	
B_FRFW	3		3		3		3		3		3	
T_BRFW	4		4		4		4		4		4	
B_BRFW	0		0		0		0		0		0	
T_WFDR	4		4		4		4		4		4	
B_WFDR	0		0		0		0		0		0	
WSR1	0		2		4		0		2		4	
WSR2	1		3		5		1		3		5	
DTYW	I		I		I		I		I		I	
DSTW	FD		FD		FD		FD		FD		FD	
DRNW	0	1	2	3	4	5	6	7	8	9	10	11

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Fig. 11

P1 DECODE												
DEFAULT IMAGE OUTPUT								IO OUTPUT				
PERIOD	12	13	14	15	16	17	18	19	20	21	22	23
ORWR	5	0	1	2	3	4	5	0	1	2	3	4
OPYR	0	1	1	1	1	1	1	0	0	0	0	0
OTYW	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
RFDR	2	3	3	3	3	3	3	4	4	4	4	4
RSLR	5	0	1	2	3	4	5	0	1	2	3	4
T_OFDW	2	2	2	2	2	2	2	4	4	4	4	4
B_OFDW	3	3	3	3	3	3	3	0	0	0	0	0
T_FRFW	4		4		4		4		4		4	
B_FRFW	0		0		0		0		0		0	
T_BRFW	1		1		1		1		1		1	
B_BRFW	2		2		2		2		2		2	
T_WFDR	1		1		1		1		1		1	
B_WFDR	2		2		2		2		2		2	
WSR1	0		1		2		3		4		5	
WSR2	0		1		2		3		4		5	
DTYW	P		P		P		P		P		P	
DSTW	FR		FR		FR		FR		FR		FR	
DRNW	0	1		2		3		4		5		6 0

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Fig. 12

	P4 DECODE											
	IO OUTPUT						P1 OUTPUT					
PERIOD	24	25	26	27	28	29	30	31	32	33	34	35
ORWR	5	0	1	2	3	4	5	0	1	2	3	4
OPYR	0	1	1	1	1	1	1	0	0	0	0	0
OTYW	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
RFDR	4	0	0	0	0	0	0	1	1	1	1	1
RSLR	5	0	1	2	3	4	5	0	1	2	3	4
T_OFDW	4	4	4	4	4	4	4	1	1	1	1	1
B_OFDW	0	0	0	0	0	0	0	2	2	2	2	2
T_FRFW	1	1	1	1	1	1	1	1	1	1	1	1
B_FRFW	2	2	2	2	2	2	2	2	2	2	2	2
T_BRFW	3	3	3	3	3	3	3	3	3	3	3	3
B_BRFW	4	4	4	4	4	4	4	4	4	4	4	4
T_WFDR	3	3	3	3	3	3	3	3	3	3	3	3
B_WFDR	4	4	4	4	4	4	4	4	4	4	4	4
WSR1	0	1	2	3	4	5	0	1	2	3	4	5
WSR2	0	1	2	3	4	5	0	1	2	3	4	5
DTYW	P	P	P	P	P	P	P	P	P	P	P	P
DSTW	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR
DRNW	0	1	2	3	4	5	6	0	1	2	3	4

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Fig. 13

	B2 DECODE											
	P1 OUTPUT						B2 OUTPUT					
PERIOD	36	37	38	39	40	41	42	43	44	45	46	47
ORWR	5	0	1	2	3	4	5	0	1	2	3	4
OPYR	0	1	1	1	1	1	1	0	0	0	0	0
OTYW	IP	IP	IP	IP	IP	IP	IP	B	B	B	B	B
RFDR	1	2	2	2	2	2	2	0	0	0	0	0
RSLR	5	0	1	2	3	4	5	0	2	4	6	8
T_OFDW	1	1	1	1	1	1	1	0	0	0	0	0
B_OFDW	2	2	2	2	2	2	2	0	0	0	0	0
T_FRFW	1	1	1	1	1	1	1	1	1	1	1	1
B_FRFW	2	2	2	2	2	2	2	2	2	2	2	2
T_BRFW	3	3	3	3	3	3	3	3	3	3	3	3
B_BRFW	4	4	4	4	4	4	4	4	4	4	4	4
T_WFDR	0	0	0	0	0	0	0	0	0	0	0	0
B_WFDR	0	0	0	0	0	0	0	0	0	0	0	0
WSR1	0	2	4	6	8	2	2	2	2	2	2	2
WSR2	1	3	5	7	0	4	4	4	4	4	4	4
DTYW	B	B	B	B	B	B	B	B	B	B	B	B
DSTW	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR	FR
DRNW	0	1	2	3	4	5	6	0	0	0	0	0

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Fig. 14

	B3 DECODE											
	B2 OUTPUT						B3 OUTPUT					
PERIOD	48	49	50	51	52	53	54	55	56	57	58	59
ORWR	5	0	1	2	3	4	5	0	1	2	3	4
OPYR	0	1	1	1	1	1	1	0	0	0	0	0
OTYW	B	B	B	B	B	B	B	B	B	B	B	B
RFDR	0	0	0	0	0	0	0	0	0	0	0	0
RSLR	2	1	3	5	7	0	4	6	8	2	1	3
T_OFDW	0	0	0	0	0	0	0	0	0	0	0	0
B_OFDW	0	0	0	0	0	0	0	0	0	0	0	0
T_FRFW	1	1	1	1	1	1	1	1	1	1	1	1
B_FRFW	2	2	2	2	2	2	2	2	2	2	2	2
T_BRFW	3	3	3	3	3	3	3	3	3	3	3	3
B_BRFW	4	4	4	4	4	4	4	4	4	4	4	4
T_WFDR	0	0	0	0	0	0	0	0	0	0	0	0
B_WFDR	0	0	0	0	0	0	0	0	0	0	0	0
WSR1	6	2	3	7	4	8	6	2	3	7	4	8
WSR2	8	1	5	0	6	2	8	1	5	0	6	2
DTYW	B	B	B	B	B	B	B	B	B	B	B	B
DSTW	FD	FD	FD	FD	FD	FD	FD	FD	FD	FD	FD	FD
DRNW	0	1	2	3	4	5	6	0	1	2	3	4

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Fig. 15

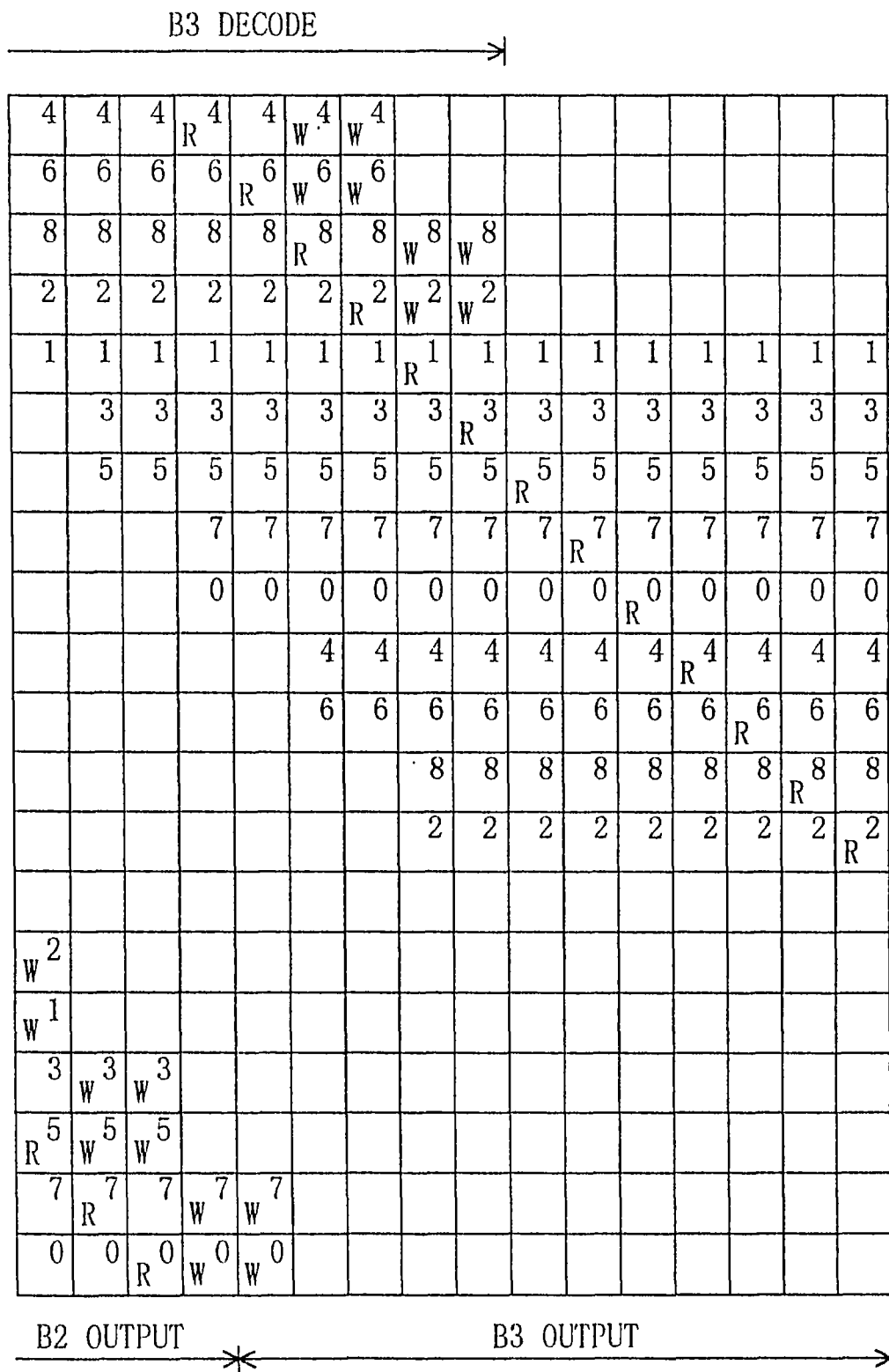
P5 DECODE												
B3 OUTPUT						P4 OUTPUT						
PERIOD	60	61	62	63	64	65	66	67	68	69	70	71
ORWR	5	0	1	2	3	4	5	0	1	2	3	4
OPYR	0	1	1	1	1	1	1	0	0	0	0	0
OTYW	B	B	B	B	B	B	B	IP	IP	IP	IP	IP
RFDR	0	0	0	0	0	0	0	3	3	3	3	3
RSLR	5	7	0	4	6	8	2	0	1	2	3	4
T_OFDW	0	0	0	0	0	0	0	3	3	3	3	3
B_OFDW	0	0	0	0	0	0	0	4	4	4	4	4
T_FRFW	3		3		3		3		3		3	
B_FRFW	4		4		4		4		4		4	
T_BRFW	1		1		1		1		1		1	
B_BRFW	2		2		2		2		2		2	
T_WFDR	1		1		1		1		1		1	
B_WFDR	2		2		2		2		2		2	
WSR1	0		1		2		3		4		5	
WSR2	0		1		2		3		4		5	
DTYW	P		P		P		P		P		P	
DSTW	FR		FR		FR		FR		FR		FR	
DRNW	0	1	2	3	4	5	6	0				

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Fig. 16

B2 DECODE										B3 DECODE					
0	W 0	W 0								4	4	4	4	4	
1	W 1	W 1										6	6	6	
2	2	2	W 2	W 2								8	8	8	
3	3	3	W 3	W 3										2	
4	4	4	4	4	W 4	W 4								1	
5	5	5	5	5	W 5	W 5									
6	6	6	6	6	6	6	W 6	W 6							
7	7	7	7	7	7	7	W 7	W 7							
8	8	8	8	8	8	8	8	8	W 8	W 8					
	0	0	0	0	0	0	0	R 0	W 0	W 0					
			2	2	2	2	2	2	R 2	2	W 2	W 2			
					4	4	4	4	4	R 4	W 4	W 4			
							6	6	6	6	R 6	6	W 6	W 6	
									8	8	8	R 8	W 8	W 8	
										2	2	R 2	2	W 2	
	1	1	1	1	1	1	1	1	1	1	1	1	R 1	W 1	
			3	3	3	3	3	3	3	3	3	3	3	R 3	
					5	5	5	5	5	5	5	5	5	5	
							7	7	7	7	7	7	7	7	
									0	0	0	0	0	0	
										B2 OUTPUT					

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Fig. 17



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Fig. 18

B2 DECODE												B3 DECODE		
0	W 0	W 0										0	0	0
1	W 1	W 1										4	4	4
2	2	2	W 2	W 2										1
3	3	3	W 3	W 3										3
4	4	4	4	4	W 4	W 4								
5	5	5	5	5	W 5	W 5								
6	6	6	6	6	6	6	W 6	W 6						
7	7	7	7	7	7	7	W 7	W 7						
	0	0	0	0	0	0	R 0	0	W 0	W 0				
			2	2	2	2	R 2	2	W 2	W 2				
					4	4	4	4	R 4	4	W 4			
							6	6	6	R 6	W 6			
									0	0	R 0	0	W 0	W 0
											4	R 4	W 4	W 4
	1	1	1	1	1	1	1	1	1	1	1	R 1	1	W 1
			3	3	3	3	3	3	3	3	3	3	R 3	W 3
					5	5	5	5	5	5	5	5	5	R 5
							7	7	7	7	7	7	7	7
									2	2	2	2	2	2
											6	6	6	6

B2 OUTPUT

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Fig. 19

B2 DECODE												B3 DECODE			
0	W 0	W 0												1	1
1	W 1	W 1													
2	2	2	W 2	W 2											
3	3	3	W 3	W 3											
4	4	4	4	4	W 4	W 4									
5	5	5	5	5	W 5	W 5									
6	6	6	6	6	6	6	W 6	W 6							
	0	0	0	0	0	R 0	W 0	W 0							
			2	2	2	2	R 2	2	W 2						
					4	4	4	R 4	W 4						
							6	6	R 6	6	W 6				
									2	R 2	W 2				
											6	R 6	6	W 6	W 6
	1	1	1	1	1	1	1	1	1	1	1	1	R 1	W 1	W 1
			3	3	3	3	3	3	3	3	3	3	3	R 3	3
					5	5	5	5	5	5	5	5	5	5	R 5
							0	0	0	0	0	0	0	0	0
									4	4	4	4	4	4	4
											2	2	2	2	2
														6	6
B2 OUTPUT															