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(21)	10-1996-0010103	(65)	10-1996-0038976
(22)	1996 04 04	(43)	1996 11 21

(30)	195 12 791.9	1995 04 05	(DE)
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(73)	80333	2	
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(72)	, - , 82515	60	
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	, 81735	6	
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	, 82178	15	
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	, 85521	125	
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(74)

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(54)	가	
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(SM),	(ZPTR)	(S PTR, SCG) 가
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가

(ROM)

1

1
2

가

가

3 가 4 가 1 가
5 4 1
6 4 1

11, ..., ZS : CLKZ :
CLKS : ZPTR :
S PTR, SCH :

가 ,
,
/ 가 , 가 가 ,
,) - ((RO
, M)
EP 0 290 942 M N ,
,
가 ,

IBM Technical Disclosure Bulletin, August 1984, pages 1756 and 1757

4.703.453 가

가 , S/FB=3
 Z*FB=14 . 1 (71, 72, 63, 64,
 55, 56, 41, 42, 33, 34, 25, 26, 11, 12)
 FB=2 가 CL
 KZ/CLKS=0.5가 1
 , S MOD FB=0 GGT(Z, S/FB)가
 GGT 가 MOD
 , 가 ,
 3 (11,...,45) 가 Z=4 S=5 (SM)
 (41) (A) FB=1 , (E) , , 1
 6 (SSW) 3 (SM)
 가 , , , (Z)
 SW 1
 가 , , , Z*FB=4 S/FB=5
 . 1 (41, 32, 23, 14)
 FB=1 가 1 /
 CLKZ/CLKS가 1 GGT(Z, S)=1 /
 가 , 1 /
 , 4 8 / 1
 (A) (36) 3 (E) (11...87) 가 (81)
 , (ZSW) SSW 2가 A E ,
 ,
 81, 53, 25, 77, 42, 14, 66,
 31, 83, 55, 27, 72, 44, 16
 61, 33, 85, 57, 22, 74, 46,
 11, 63, 35, 87, 52, 24, 76,
 41, 13, 65, 37, 82, 54, 26,
 71, 43, 15, 67, 32, 84, 56,
 21, 73, 45, 17, 62, 34, 86,
 51, 23, 75, 47, 12, 64, 36,
 Z*S , , 가 , FB=1
 (SM) (Z) (S) (ZSW) (SSW)
 GGT(S, SSW) =1
 GGT(Z, (S*ZSW) MOD Z) = GGT(Z, S*ZSW) =1 , GGT() 가 , MOD
 3 , GGT(5.1)=1 GGT(4,(5*1) MOD 4) =1
 GGT(7,2)=1 GGT(8, (7*3) MOD 8) = GGT(8, (21 MOD 8)) = GGT(8, 5) =1 4
 4 , 5 (PZ1... PZ8) 가
 8 ZSW =3 (ZPTR)

(PZ1 . . . PZ8) 1 8 (ZL) . PZ8=1 PZ7 . . . PZ1=0
 PZ8 =0 PZ7 . . . PZ1=1 , (PZ8) (CLK) (PZ5)
 . (CLK) , (PZ2), (PZ7), (PZ4), (PZ1), (PZ6) (PZ3)
 . 5

6 (SCH) (S PTR) . . 4
 , 7 SSW=2
 . PS1=1 PS2 . . PS7 = 0 PS1 = 0 PS2 . . PS7 = 1 ,
 . (PS1) (PS3) 1 (PS1 . . PS7) (PS5, PS7, PS2, (PS1)
 . (CLK) (1 . . 7) PS6
 . (PS1 . . PS7) (SL)
 . 90 °

(57)

1. $(11 \dots ZS) \quad Z \quad S \quad (ZL) \quad (SL) \quad (SM) ;$
 $\quad \quad [\quad](\text{CLKV}) \quad (\text{CLKZ}) \quad (\text{CLKZ})$
 $(S) ; \quad (CLKZ) \quad (ZSW) ;$
 $(ZPTR) ; \quad (\text{CLKS}) \quad (\text{SSW}) ;$
 $(\text{SPTR}, \text{SCH}) \quad , \quad / \quad m \quad n \quad m$
 $\quad \quad n \quad , \quad n \quad S \quad m \quad Z \quad , \quad n \quad m$

2

1 , (ZPTR) (S PTR, SCH) 1 0 가
 , (ZPTR) (S PTR, SCH) (, PZ1 . . . PZ8 PS1 . . . PS7)
 , 가 1 S / Z
 , (ZPTR) (CLKZ) ,
 (S PTR, SCH) (CLKS)

3

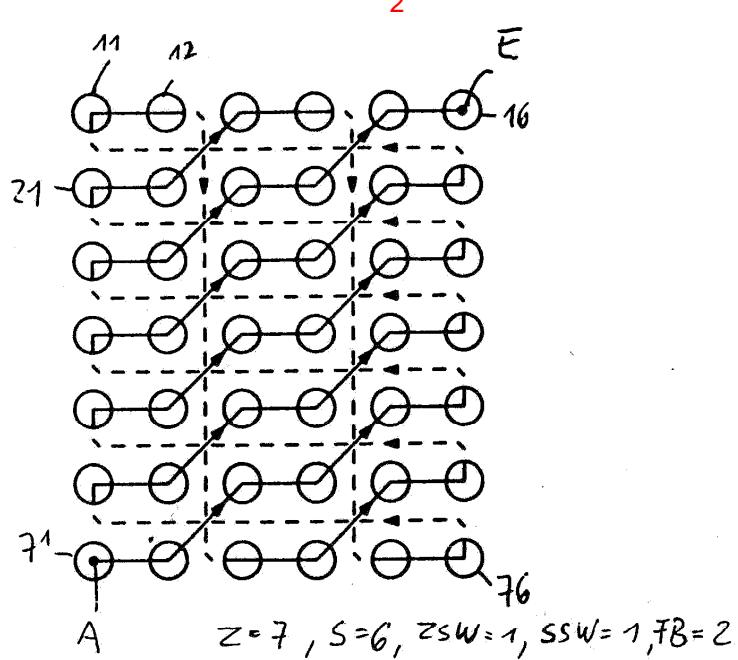
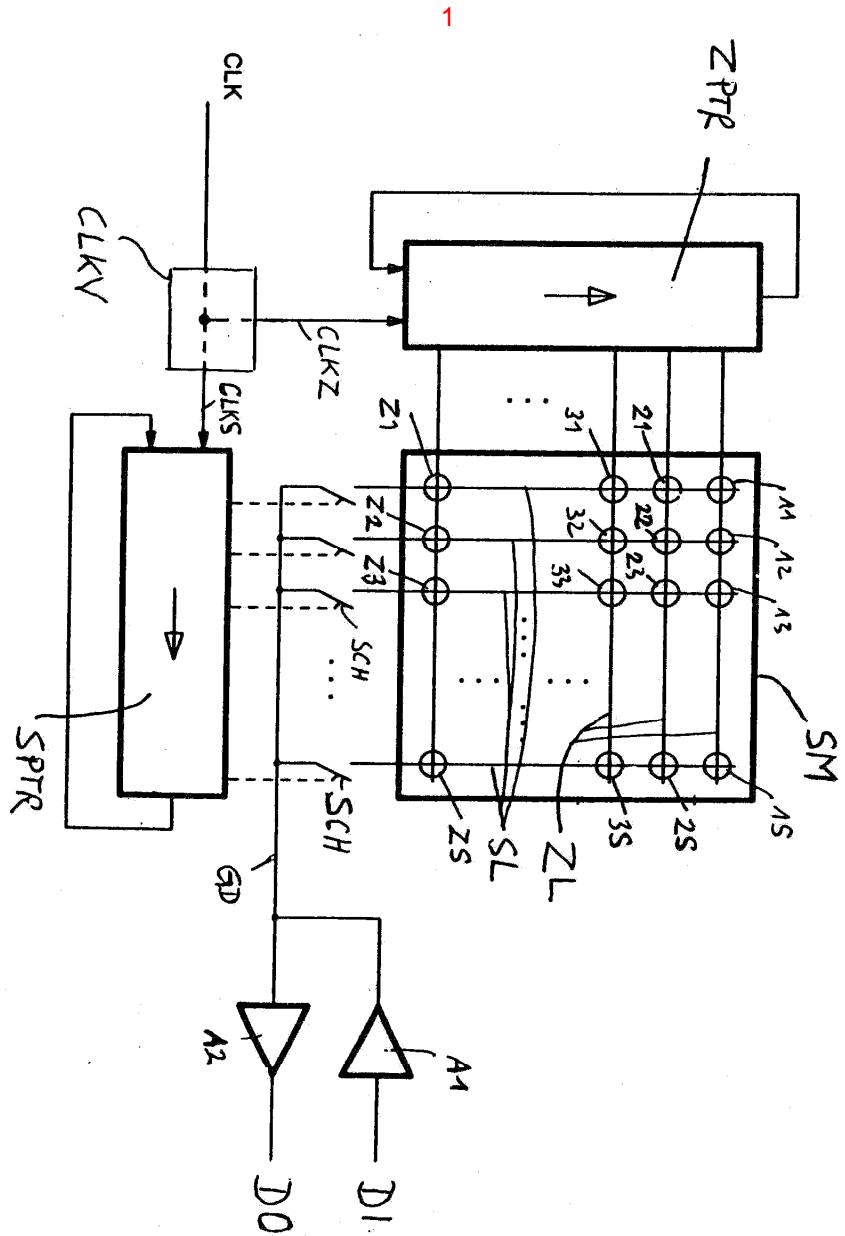
2 , (CL KZ) (CL KS) (CL K)

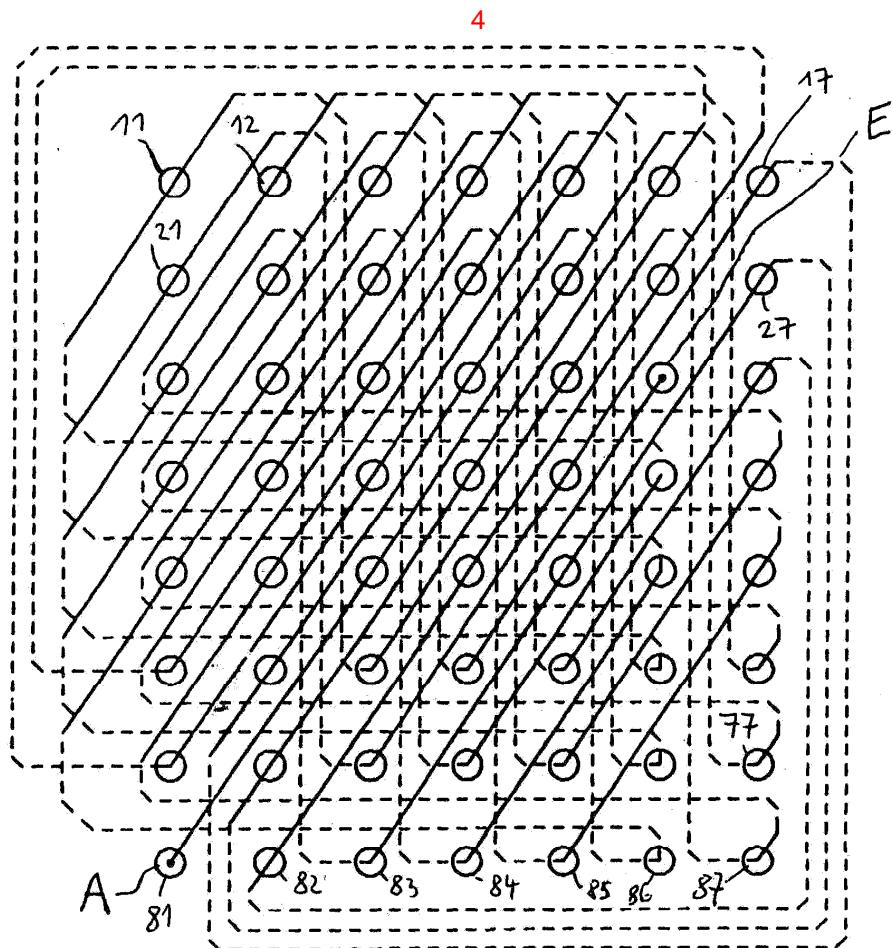
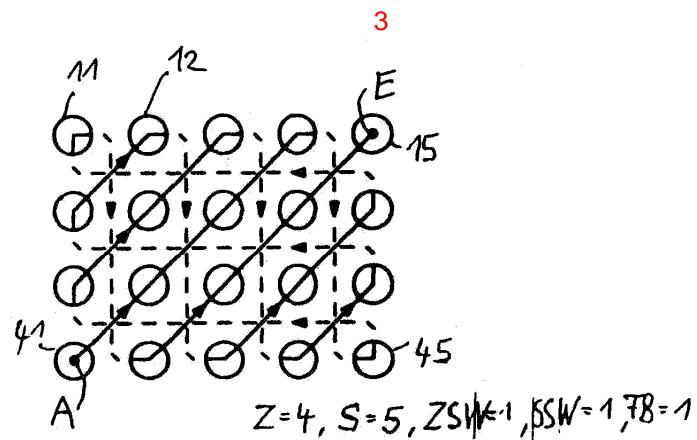
4

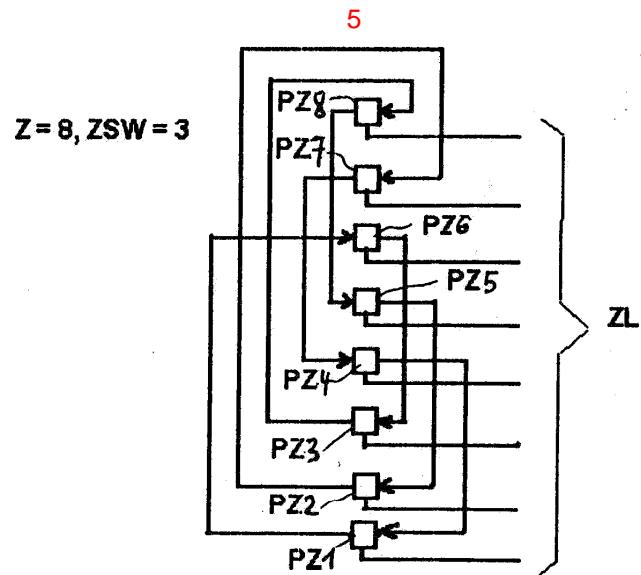
4 , (ZPTR) (S PTR, SCH) 가 , (SM) (Z) (S). (ZSW) (SSW)

$$\begin{aligned} GGT(S, SSW) &= 1 \\ GGT(Z, (S^*ZSW) \bmod Z) &= 1 \\ GGT \end{aligned}$$

5. 2 4 , (ZSW) (SSW)

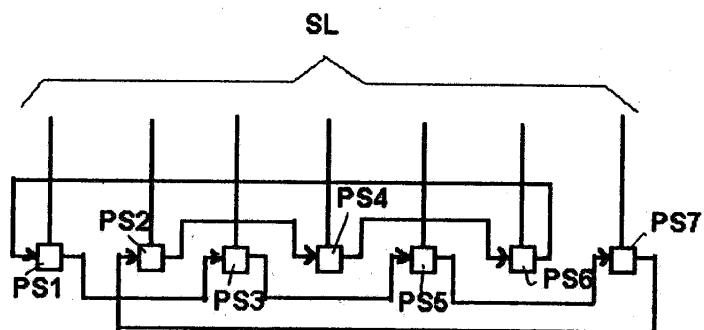






6

S = 7, SSW = 2



94 E 2080 DE
ZFE GR PAZ
Damm