

1900) 4
1901) 5 458 678
1908) 2

ORIGINAL A-FIELD A0 2 6 B5
ORIGINAL B-FIELD A1 9 8 A4

RESULTANT A-FIELD A0 2 6 B5
FINAL RESULTANT B-FIELD B2 2 4 A9

SIGNAL NAME	FRAME GATE CH	TEST POINT	LOGIC	CYCLE																												
				T	A	B	A	B	A	B	A	B	A	B	A	B	OP															
1 STORAGE ADDRESS REGISTER			32.35.XX.2	3	6	9	0	3	6	9	0	3	6	9	0	3	6	9	0	3	6	9	0	3	6	9	0	3	6	9	0	
2 B-REGISTER			35.11.XX.2	908	458	678	458	678	457	677	456	676	455	675	908																	
3 A-REGISTER			35.11.XX.2	C2	B41	CA4	B41	CA4	C42	B	2	C01	CAB2	A1	C2																	
4 -T SUBTRACT OP	01B1		35.26.11.2	OP DECODE A B 2 T 5 B																												
5 -T ARITH OPERATION	01B1		35.27.11.2																													
6 -T GATED WM	01B2		31.07.11.2	B WM																												
7 -T T-E CHANGE	01B2		31.05.31.2	A WM B WM																												
8 +U DELTA T CYCLE	01B2		31.21.11.2	7 9																												
9 -T T-CYCLE LATCH	01B2		31.24.11.2	8																												
10 +U T-STAR RESTORE GATE	01A7		32.39.11.2	6 9																												
11 +U DELTA A - CYCLE	01B2		31.22.11.2	7 9																												
12 -T A-CYCLE LATCH	01B2		31.25.11.2	NOT 7 RESET 13																												
13 -T DELTA B-CYCLE LATCH	01B2		31.23.11.2	11																												
14 +U B-CYCLE	01B2		31.26.11.2	12																												
15 -T FIRST B-CYCLE TRIGGER	01B3		34.31.13.2	5 6 9 16																												
16 -T SECOND B-CYCLE TRIGGER	01B3		34.31.13.2	13 NOT 15 15																												
17 -T B-REGISTER ZONE INHIBIT	01A3		35.18.21.2	B NOT 1 MANUAL ENTRY XFER B REG																												
18 -T B-REGISTER DIGIT INHIBIT	01A3		35.18.31.2	B NOT MANUAL ENTRY XFER B REG																												
19 -T B-REGISTER C-BIT INHIBIT	01A3		35.18.21.2	B XFER B-REG B REG																												
20 -T B-REGISTER WORD MARK INHIBIT	01A3		35.18.21.2	NOT MANUAL ENTRY																												
21 -T ARITHMETIC ZONE INHIBIT	01A3		35.18.51.2	B WM & NOT 15 ORIG																												
22 -T ARITHMETIC DIGIT INHIBIT	01A3		35.18.51.2	4 NOT 24																												
23 +U INHIBIT C-ZONE	01A3		35.15.11.2	22 NOT 16 OR 21 21																												
24 +U TRANSFER STAR	01B3		34.31.13.2	4 15 NOT 8 15																												
25 -T ADDEN CARRY	01B3		34.31.15.2																													
26 -T CARRY TRIGGER	01B3		34.31.14.2	4 14 25 NOT 15 OR 16 NOT 125																												
27 +U ZONE ADDER GATE	01B3		34.33.11.2	B WM NOT 15																												
28 +U MODIFIER CONTROL PLUS 1	01A8		32.42.11.2	8																												
29 +U MODIFIER CONTROL MINUS 1	01A8		32.42.11.2	NOT 9 OR 30																												
30 -T MODIFIER CONTROL XFER	01A8		32.42.41.2	24 24																												
31 +U MODIFIER OUTPUT ON BUS LINES			32.43.XX.2	909/908	458	678	457	677	456	676	455	675	454	674	909																	
32 DATA ON INHIBIT DRIVE LINES				C2	B41	CA4	B41	A81	C42	4	2	2	CAB2	B2	C2																	

DATE 4-10-62 CHANGE NO 1-330 DATE 31.7.62 CHANGE NO TA 1370 K

INTERNATIONAL BUSINESS MACHINES CORP
NAME FIGURE 2 TRUE ADD

DESIGN TYPE
DETAIL SCALE NONE
CHECK DRAW VE 1-10-62
APPRO CHECK

723926