MOVE ZN OPR 36.26.11.2
- B REG DIG INH
- TO ONE CHAR I-E CHANGE
- TO A REG ZN INH

- TO COLUMN BINARY
- TO COMP WD CONTROL 44.70 41.1-11.2
- 77.01 02.2
- TO CONTROL SIGNALS CABLE DRIVE 75.01 02.2
- 77 30.11.2

MOVE OPR 35.25.11.2
- TO A REG ZN INH
- TO A REG DIG INH
- TO I-E CONTROL 1
- TO PREVENT B STAR RI CONTROL
- TO A REG DIG INH

MOVE DIG OPR 35.24.11.2
- TO ONE CHAR I-E CHANGE
- TO B REG INH ZONE CONTROLS

WM CLEAR OPR
- TO ONE CHAR I-E CHAR CHANGE
- TFR B REG DIG AND ZN
- TO BLOCK XFER B REG GATE 35.18.11.2
- TO BLOCK B REG WM INH

FROM FIGURE 20 LOAD OPR 35.25.11.2
- TO A REG ZN INH
- TO XFER A REG
- TO I-E CONTROL 1
- TO PREVENT B STAR RI
- TO BLOCK B REG WM INHIBIT
- TO TAPE RE-ADDR LATCH
- TO 77.40.41.2
- TO FILE OP AND PERCENT LAT 75.01.04.2
- TO I-E CONTROL 2
- TO BLOCK B CHK LATCH
- TO A REG DIG INH

COMPARE OPR 35.24.11.2
- TO I-E CONTROL 1
- XFER B REG
- TO COMPARE CIRCUITRY

- TO BODY TGR

MOVE ZERO SUPP OPR 35.28.11.2
- TO EDIT A DIGIT AND ZONE

CLEAR OPR 35.26.11.2
- TO BLOCK B REG WM INHIBIT

I CYCLE
- TO BLOCK STORE IB STAR LATCH 41.51.51.2
- TO I-E CONTROL 2
- TO INH C ZN AND C DIG
- TO BLOCK B CHK LATCH
- TO PREVENT I-B STAR I TRIG
- TO A CYCLE ELIMINATE
- TO PROGRAM SKIP LATCH
- TO I-E CHANGE

BIT TEST OPR 41.10.21.2
- TO A CY ELIM
- TO ONE CHAR I-E CHANGE
- TO XFER PROGRAM SKIP
- XFER B REG

IND — STOP CP DISPLAY C

IND — STOP CP DISPLAY A

- TO INTLK STOP TR
- TO OPERATIONS CHECK
- TO EXE ELIM

STOP OP
TIME 080-075
13A3 GATED WM
— DELTA PROCESS RESET

12885 NOT UNIT SELECT
21C2 I-O OPS
I RING 4
- TO BRANCH LATCH 71 31 11 2
- TO OPERATIONS CHECK 35.28.11.2
- A CYCLE ELIMINATION 31.06.11.2
- TO B REG INHIBIT CONTROLS 35.18.11.2
- ONE CHARACTER I-E CHANGE 31.05.11.2

- TO EXE ELIM 31.05.11.2

BRANCH OPR
I RING 5

BRANCH OP- I RING 5 - GATE WM

13A3 GATED WM
13BC4 NOT OVLP CYCLE
NOT TIME 000-030
A REG A NOT 8
A REG 84
A REG NOT 21
TIME 090-000
34.21.41.2

A REG 8 NOT 4
A REG 2 NOT 1

A REG AB
- TO SERIAL I-O 73.11.41.2
- TO PRINT START CONTROLS 36 31.51.2
- TO ERROR TEST OPERATION DECODES 70.11.41.2

NO OPR 35.25.11.2
- TO OPERATIONS CHECK 35.28.11.2
- TO EXE ELIM 31.05.11.2

13A3 NOT GATED WM
— NOT BLOCK UNIT SELECT 70.11.21.2

ZONE TEST OP 35.23.11.2
- TO OPERATIONS CHECK 35.28.11.2
- TO PROGRAM SKIP 34.21.41.2
- TO B REG INHIBIT CONTROLS
- ONE CHARACTER I-E CHANGE 31.05.11.2
- A CYCLE ELIMINATION 31.06.11.2

WM SET OP 35.28.11.2
- TO OPERATIONS CHECK 35.28.11.2
- BLOCK XFER B REG 35.18.11.2
- XFER B REG DIGIT AND ZONE 35.18.11.2
- ONE CHARACTER I-E CHANGE 31.05.11.2

13B6 NOT BLOCK OP
— INHIBIT WM

I RING 7
— GATED WM

34.22.11.2 SENSE SW TRANSFER PROG SKIP
41.10.11.2 COL BIN BIT TRANSFER PROG SKIP
5805 CHAR TEST
5805 ZN TEST
5805 WM TEST
58C3 LAST CARD TEST
58C3 TEST POSITION
— TO PROGRAM SKIP LATCH 18C2
34.21.41.2

OVERFLOW LATCH
A REG A NOT 8
A REG 8 NOT 4
A REG 1 NOT 2
TIME 090-000
— BRANCH OP OVERFLOW RESET 3806

— PROCESS CHECK RESET
PROCESS CHECK RESET

A REG AB
R — RESET, READ CHECK LATCH

A REG B NOT A
P — RESET PUNCH CHECK LATCH

A REG A NOT B
11402 PRINTER CHECK ERROR
PP — RESET PRINTER CHECK LATCH

— TO TEST FOR BRANCH ON SENSE SWITCHES 34.22.11

	DATE	CHANGE NO.	DATE	CHANGE NO.
	4-11-62	1138100		
	1-29-63	1141AAC		

INTERNATIONAL BUSINESS MACHINES CORP

	NAME	DESIGN	DETAIL	CHECK
	MOVE, LOAD, BRANCH AND THE MISC OP CODES FUNCTIONAL PURPOSES			
APPRO		6-28	6-28	6-28
CHECK		5-24-63	5-24-63	5-24-63
	SCALE	TYPE	DRAW	CHECK
	NONE		VE	
	2210-402			

FIG-56 723844

723844