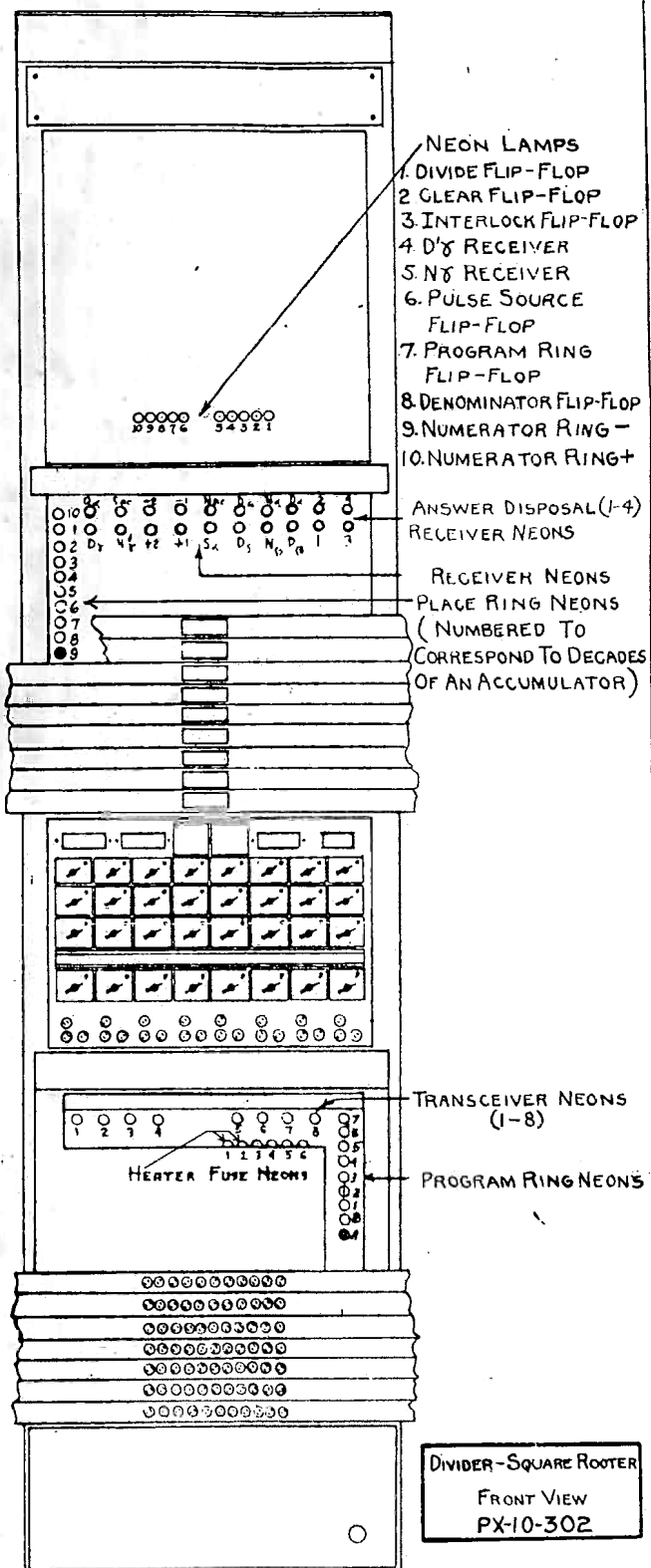


NEONS ON DURING DIVISION														
ADD. TIME	PROG. RING	PLACE RING	RECEIVER	RECEIVER										
				1	2	3	4	5	6	7	8	9	10	
I-1	A	9		①						ON	ON	ON		ON
2	B	9		ON						ON	ON	②	③	
3	I	9		"						ON	ON	"	"	
II-1	A	i*	DA OR DS	"				ON	ON	"	"	③		
2	A	i	-1 OR +1, Q<	"					ON	"	"			
S	1	A	CYCLES NAC, S<	"				ON	ON	"	"			
	2	A	i-1 SAC, N'g	"					ON	"	"	CYCLES		
III-1	A	10-p	NAC, S<	"				ON		"	"	③		
2	B	"	SAC, N'g	"						"	"	CYCLES		
3	I	"	DS OR DA	"				ON		"	"	③		
4	2	"	DS OR DA	"				ON		"	"			
5	3	"	DS OR DA	"				ON		"	"			
6	4	"	DS OR DA	"				ON		"	"			
7	5	"	DS OR DA	"				ON		"	"			
8	6	"	"	"						"	"			
9	7	"	(+1 OR -1, Q<)**	"						"	"			
IV-1	7	"	"	"	④				⑤	"	"			
2	7	"	"	"	⑥				"	"	"			
TRANS-CEIVER OFF	A	9	1,2, OR NEITHER	ON					ON	ON	ON		ON	

NEONS ON DURING SQUARE ROOTING														
ADD. TIME	PROG. RING	PLACE RING	RECEIVER	RECEIVER										
				1	2	3	4	5	6	7	8	9	10	
I-1	A	9		①						ON	ON	ON		ON
2	B	9								ON	ON	"		ON
3	I	9								ON	ON	"		ON
4	A	9	Dg +1							ON		"		ON
II-1	A	i*	DS OR DA					ON	ON	"	"	③		
2	A	i	+2 OR -2 Dg						ON	"	"			
S	1	A	CYCLES -1 OR +1 SAC, NAC					ON	ON	"	"			
	2	A	i-1 -1 OR +1 N'g, SAC					ON	ON	"	"	CYCLES		
III-1	A	10-p	-1 OR +1, SAC, NAC					ON		"	"	③		
2	B	"	N'g, SAC							"	"	CYCLES		
3	I	"	DA OR DS					ON		"	"	③		
4	2	"	DA OR DS					ON		"	"			
5	3	"	DA OR DS					ON		"	"			
6	4	"	DA OR DS					ON		"	"			
7	5	"	DA OR DS					ON		"	"			
8	6	"	"							"	"			
9	7	"	(-2 OR +2, Dg)**							"	"			
IV-1	7	"	"	"	④				⑤	"	"			
2	7	"	"	"	⑥				"	"	"			
TRANS-CEIVER OFF	A	9	3,4, OR NEITHER						ON	ON	ON		ON	



DIVIDER-SQUARE ROOTER
FRONT VIEW
PX-10-302

FOOT NOTES

- ① ON IF PREVIOUS PROGRAM WAS A DIVISION.
- ② ON IF DENOMINATOR IS POSITIVE WHEN RECEIVED IN DENOMINATOR ACCUMULATOR.
- ③ IF BEFORE DENOMINATOR IS ADDED TO OR SUBTRACTED FROM NUMERATOR, THE NUMERATOR IS POSITIVE, NEON #4 IS ON; OTHERWISE NEON #3 IS ON.
- ④ GOES ON WHEN INTERLOCK PULSE IS RECEIVED.
- ⑤ GOES ON ONE ADDITION TIME AFTER III-9
- ⑥ GOES ON: a- IN NI CASE, TWO ADDITION TIMES AFTER III-9.

b- IN I CASE, IN WHICHEVER OCCURS LATER: TWO ADDITION TIMES AFTER III-9 OR ONE ADDITION TIME AFTER NEON 7

* $9 \geq i \geq 10-p$ WHERE p IS THE SETTING OF THE PLACES SWITCH.

** ONLY IF NO OVERDRAFT RESULTS.