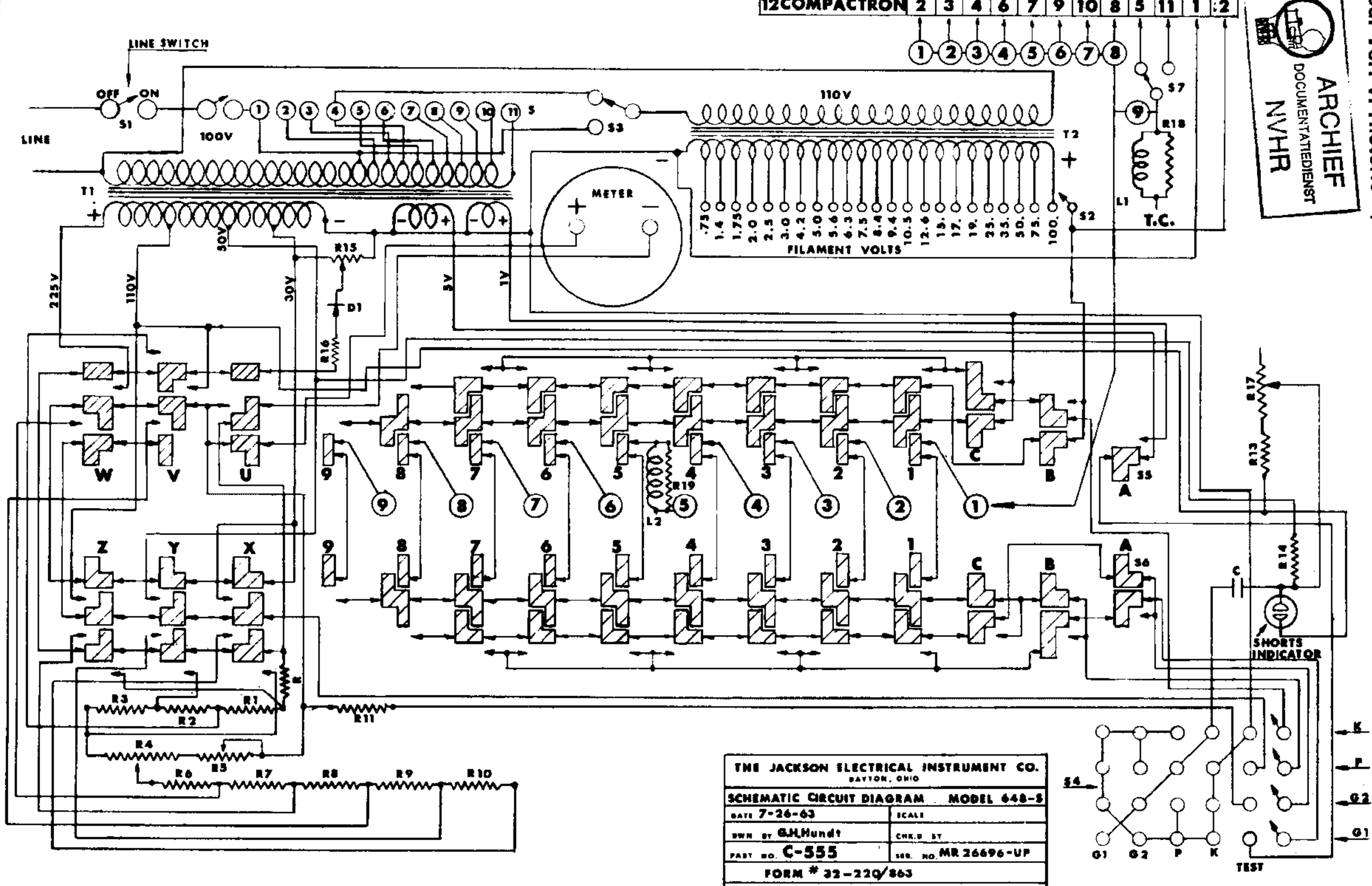
R-	4000Ω ½W 1%
R1	2000Ω ½W 1%
R2	1000Ω ½W 1%
R3	500Ω ½W 1%
R4	380Ω WW POT
R5	40Ω ADJ.
R6	500Ω 5W 5%
R7	510Ω 1W 10%
R8	1000Ω ½W 5%
R9	2000Ω ½W 5%
R10	3900Ω ½W 5%
R11	5000Ω 5W 5%
R12	NOT USED
R13	220,000Ω ½W 10%
R14	510,000Ω ½W 10%
R15	5000Ω ADJ.
R16	12000Ω ½W 10%
R17	1MEG Ω POT
C-	.1MFD 400V
D1	1N51 DIODE
T1	HV. TRANS. # 14-139
T2	FIL. TRANS # 14-117A
S-	LINE CONTROL SW.
S1	LINE OFF & ON SW.
S2	FILAMENT SW.
S3	FIL. REDUCTION SW.
S4	SHORTS TEST SW.
S5	D CIRCUIT SW.
S6	E CIRCUIT SW.
S7	SPECIAL TEST SW.
R18	330 1W 10%
R19	330 1W 10%
L1	SUPP. CHOKE ON R18
L2	SUPP. CHOKE ON R19

SOCKETS	SOCKET PIN NO.											
4 HOLE	1	4	2	3								
5 HOLE	1	5	4	2	3							
6 HOLE	1	6	5	2	3	4						
LOCTAL	1	8	7	2	3	6	4	5				
7 HOLE	1	7	6	2	3	4	5					
7 SUB MIN.	1	2	3	4	5	6	7					
8 SUB MIN.	3	6	2	8	5	1	7	4				
7 MIN.	1	3	4	7	5	6	2					
5 NUVISTOR	10	12	8	2	4							
7 NUVISTOR	10	12	7	1	4	2	6					
8 OCTAL	2	7	8	3	4	5	1	6				
9&10 COMB.	4	5	3	1	2	9	8	6	7	10		
9 NOVAR	4	5	3	1	2	9	8	6				
12COMPACTRON	2	3	4	6	7	9	10	8	5	11	1	12



THE JACKSON ELECTRICAL INSTRUMENT CO. DAYTON, OHIO	
SCHEMATIC CIRCUIT DIAGRAM MODEL 648-S	
DATE 7-26-63	SCALE
DWN BY G.H.Hundt	CHK'D BY
PART NO. C-555	SER. NO. MR 26696-UP
FORM # 32-220/863	
DRAWING NO. C-555	

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Ned. Ver. V. Historie v/d Tech