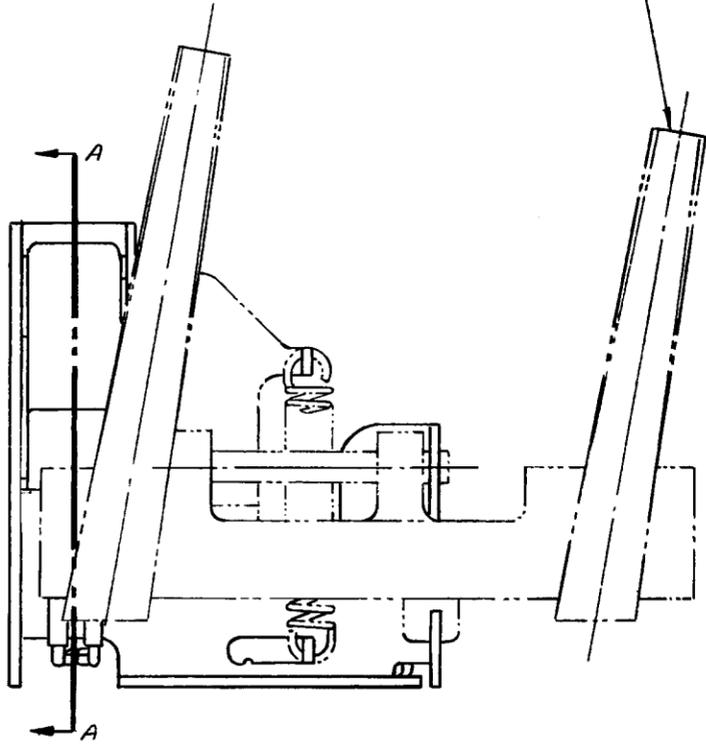
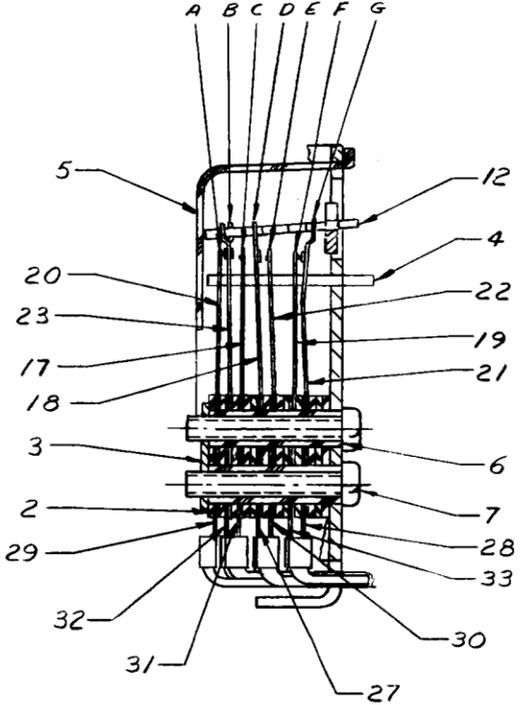


- REQUIREMENTS:
- 1.0 ALL MOVING PARTS SHALL MOVE FREELY IN THEIR BEARINGS.
 - 2.0 THE INSULATION BETWEEN ALL METAL PARTS SHALL BE CAPABLE OF WITHSTANDING A 500 VOLT A.C. BREAKDOWN TEST PER SPEC. KS 38 SUPPLEMENT C.
 - * 3.0 WHEN THE HOOK IS IN ITS UPPER POSITION AGAINST THE STOP:
 - 3.1 THE FORCE BETWEEN EACH PAIR OF CONTACTS ON SPRINGS BC AND ED SHALL NOT BE LESS THAN 15 GRAMS, MEASURED AS NEAR TO THE LINE OF CONTACT AS PRACTICAL.
 - 3.2 THERE SHALL BE A SEPARATION BETWEEN EACH PAIR OF CONTACTS ON SPRINGS AB & GF OF NOT LESS THAN .015 IN.
 - * 4.0 WHEN THE HOOK IS FULLY DEPRESSED (AS SHOWN):
 - 4.1 THE FORCE BETWEEN EACH PAIR OF CONTACTS ON THE SPRINGS AB & GF SHALL NOT BE LESS THAN 15 GRAMS, MEASURED AS NEAR TO THE LINE OF CONTACT AS PRACTICAL.
 - 4.2 THERE SHALL BE A SEPARATION BETWEEN EACH PAIR OF CONTACTS ON SPRINGS BC AND ED OF NOT LESS THAN .015 IN.
 - * 5.0 WHEN THE HOOK IS RELEASED FROM ITS LOWEST POSITION, THE CONTACT SEQUENCE SHALL BE AS FOLLOWS:
 - 5.1 ONE PAIR OF CONTACTS ON SPRINGS C & B SHALL CLOSE PERCEPTIBLY BEFORE EITHER PAIR OF CONTACTS ON SPRINGS D & E CLOSE.
 - 5.2 BOTH PAIRS OF CONTACTS ON SPRINGS F & G SHALL OPEN PERCEPTIBLY AFTER BOTH PAIRS OF CONTACTS ON SPRINGS D & E CLOSE.
 - 5.3 BOTH PAIRS OF CONTACTS ON SPRINGS A & B SHALL OPEN PERCEPTIBLY BEFORE EITHER PAIR OF CONTACTS ON SPRINGS F & G OPEN.
 - * 6.0 CONTACT SPRING ASSEMBLIES, P-10E233 AND P-339709 SHALL REMAIN VISUALLY OPEN WHEN A LOAD OF 100 GRAMS IS APPLIED TO SWITCH HOOK AT A LINE LOCATED MIDWAY BETWEEN THE HANDSET SEATING SURFACE.
 - * 7.0 WHEN THE ARM IS DEPRESSED FROM ITS UPPER POSITION, ONE PAIR OF CONTACTS ON SPRINGS A & B SHALL CLOSE BEFORE BOTH PAIRS ON CONTACTS C & B OPEN.

SWITCH HOOK SHOWN IN DEPRESSED POSITION



REQUIREMENTS CONTINUED BELOW.



SECT. A-A

REQUIREMENTS CONTINUED

- * 7.0 WHEN THE ARM IS DEPRESSED FROM ITS UPPER POSITION, THE CONTACT SEQUENCE SHALL BE AS FOLLOWS.
- 7.1 ONE PAIR OF CONTACTS ON SPRINGS A AND B SHALL CLOSE BEFORE BOTH PAIRS ON CONTACTS C AND B OPEN.
- 7.2 ONE PAIR OF CONTACTS ON A AND B SHALL MAKE AND BOTH PAIR OF CONTACTS ON D AND E SHALL OPEN BEFORE BOTH PAIR ON CONTACTS C AND B OPEN

* - SEE ASSEMBLY NOTE 4

ASSEMBLY NOTES:

1. LUBRICANT KS 8559 SHALL BE APPLIED TO THE BEARING SURFACES OF BRACKET (ITEM 10), HOOK AND SHAFT. A PRECEPTIBLE FILM OF LUBRICANT SHALL BE OBSERVABLE AT THE POINTS OF APPLICATION.
2. INSULATORS (ITEM 2) SHALL BE BAKED, STORED AND ASSEMBLED AS SPECIFIED ON A-552789.
3. (S) AT ANY TIME UP TO 30 DAYS AFTER ASSEMBLY, THE TORQUE REQUIRED TO TURN THE SPRING FILE-UP SCREWS IN A TIGHTENING DIRECTION SHALL NOT BE LESS THAN 10 LB.-IN.
4. (S) REQUIREMENTS 3.0, 4.0, 5.0, 6.0 AND 7.0 APPLY AFTER SWITCH HOOK ASSEMBLY, P-13E197, SHAFT, P-13E124 AND COIL SPRING, P-339687, ARE ASSEMBLED. THESE PARTS ARE SHOWN IN TELEPHONE SET STOCKLIST. THE SWITCH AFTER ASSEMBLY SHALL BE CAPABLE OF MEETING REQUIREMENTS 3.0, 4.0, 5.0, 6.0 AND 7.0 AFTER ASSEMBLY IN THE TELEPHONE SET.

ISSUE-1 3-12-60
FOR ITEM 28, P-43A830 WAS P-124520. (361290-BIG-L)
ISSUE-2 3-15-61
CHANGED: REPT. 7.0 READ AS IN CROSS-HATCHED REPT. 7.0. ADDED: REPT. 7.1 & 7.2. (442243-BY-1)
ISSUE-3 6-22-61
CHANGED: PICT. TO AGREE WITH ISS. 5. SUPPORT & BRACKET ASSEMBLY, P-43A719. (442374-BY-1)
ISSUE-4 8-9-61

33	P-13E175	LEAD	SLATE-RED	1
32	P-13E174		SLATE-WHITE	1
31	P-13E173		SLATE-GREEN	1
30	P-13E172		SLATE-BROWN	1
29	P-13E171		SLATE	1
28	P-43A830		SLATE-BLACK	1
27	P-11E210		SLATE-YELLOW	1
26				
25				
24				
23	P-18A867			1
22	P-18A261			1
21	P-10E233	CONTACT SPRING ASSEMBLY		1
20	P-339710			1
19	P-339709			1
18	P-339673			1
17	P-339672			1
16				
15				
14				
13				
12	P-13E125	CARD, OPERATING		1
11	P-43A719	SUPPORT & BRACKET ASSEM.		1
10				
9				
8				
7	P-43A439	SCREW, RHM SPL. HEAD		2
6	P-335678	BUSHING		2
5	P-13E917	COVER		1
4	P-339686	CARD, STATIONARY		1
3	P-339683	PLATE		1
2	P-339681	INSULATOR		12
1				

FOR CHARGES REFER TO DATING ORG. CARD INDEX

SWITCH ASSEMBLY

SCALE 2/1

WESTERN ELECTRIC CO. INC. ENGINEER OF MANUFACTURE

CDS

P-13E127

RS