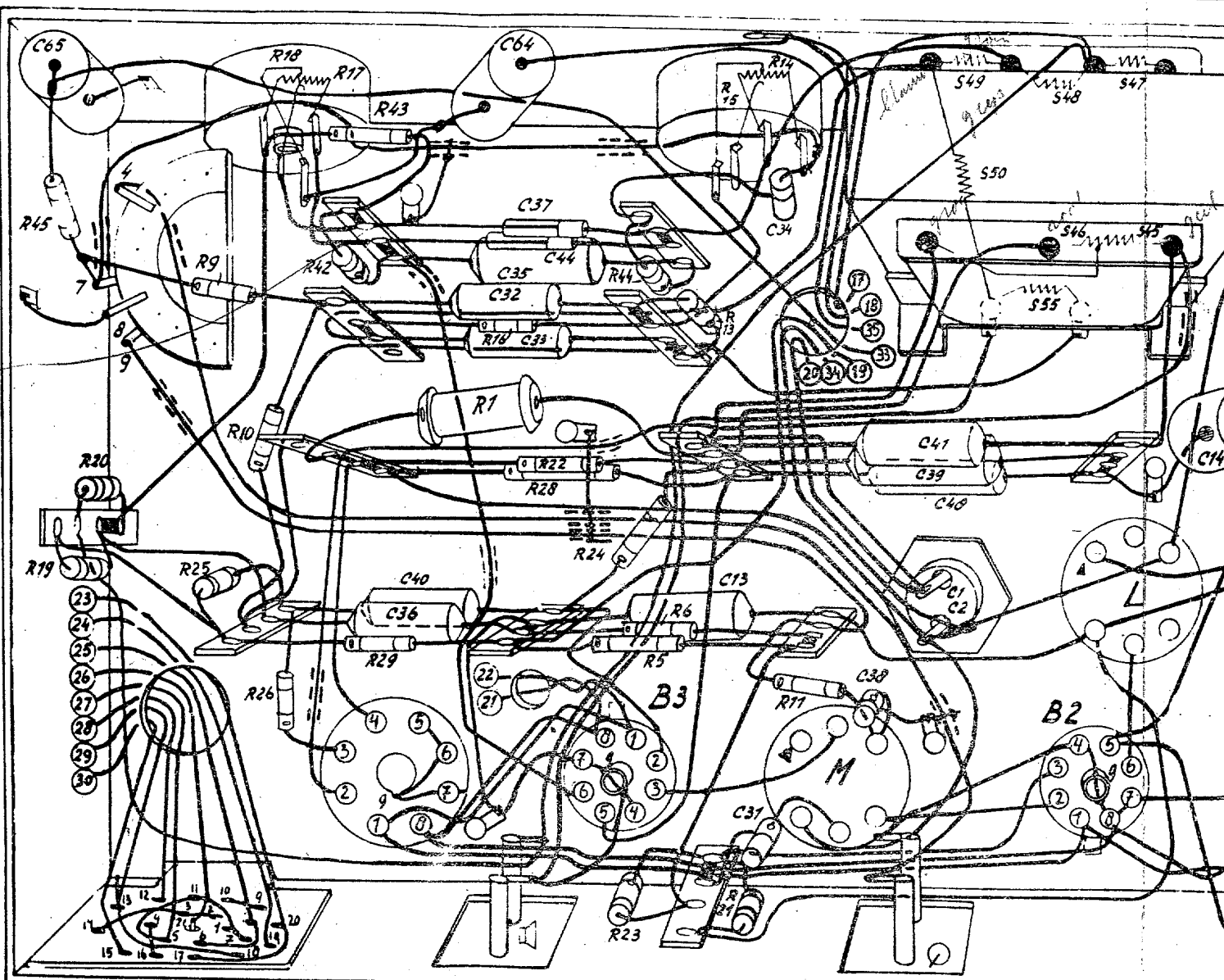
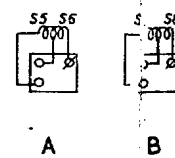
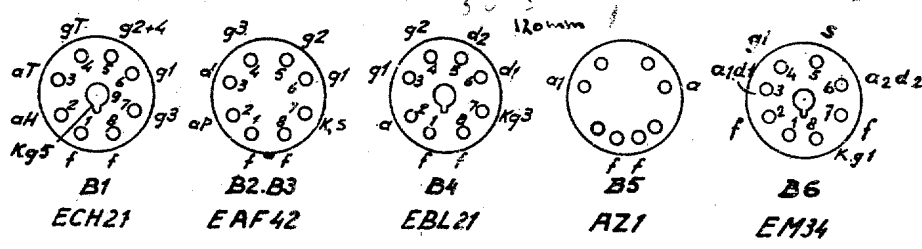


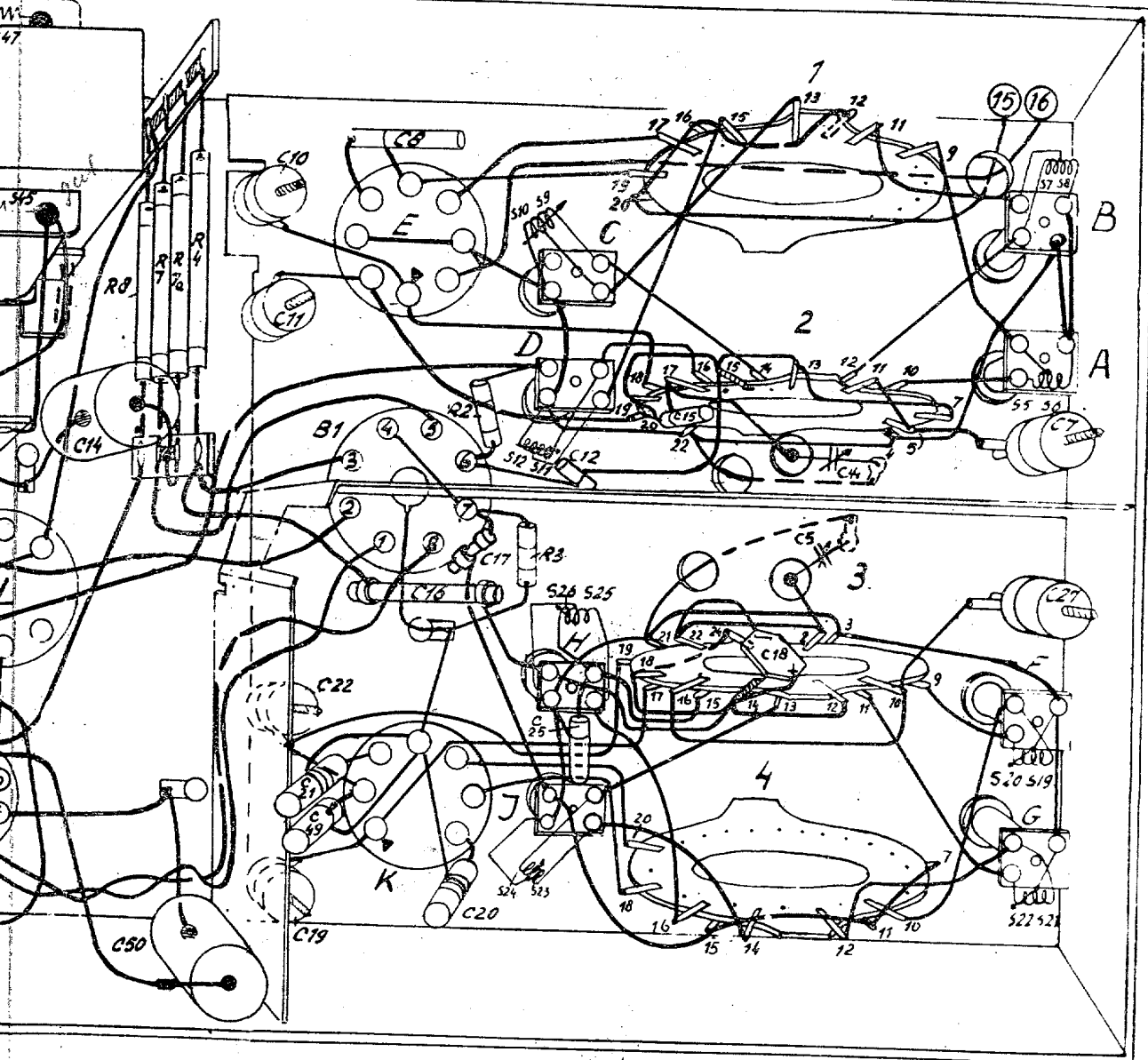
|   |       |                             |                                          |        |     |        |              |           |   |
|---|-------|-----------------------------|------------------------------------------|--------|-----|--------|--------------|-----------|---|
| C | 65    | 40.36.64.35.44.37.33.32.    | 13.                                      | 31.34. | 38. | 50.49. | 55.48.       | 46.45.47. | L |
| R | 19.20 | 9.25.26.18.17.42.43.29.1.10 | 16.22.28.13.44.23.5.6.24.40.15.14.21.11. |        |     |        | 12.41.39.40. |           |   |



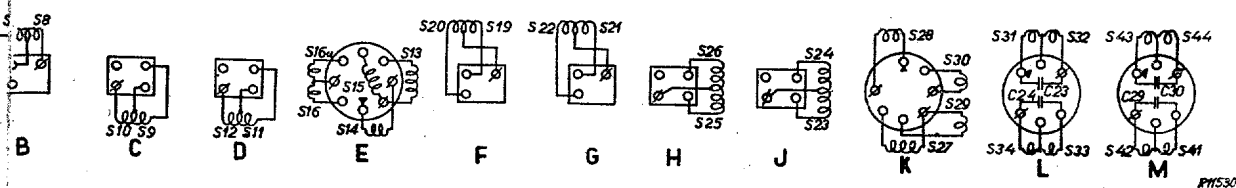
$S_{45} = 200 \text{ ohm}$   
 $S_{46} = 15 \text{ ohm}$   
 $S_{47} = 1 \text{ ohm}$   
 $S_{48} = 1 \text{ ohm}$   
 $S_{49} = 1 \text{ ohm}$



|                                 |  |  |  |  |  |  |  |  |  |                        |  |  |  |  |                     |  |  |  |  |
|---------------------------------|--|--|--|--|--|--|--|--|--|------------------------|--|--|--|--|---------------------|--|--|--|--|
| 5 47 L                          |  |  |  |  |  |  |  |  |  | C D H J                |  |  |  |  | B A F G             |  |  |  |  |
| 14 50 10 11 22 21 49 19 8 16 20 |  |  |  |  |  |  |  |  |  | 10 9 11 12 26 25 23 24 |  |  |  |  | 7 8 5 6 20 19 22 21 |  |  |  |  |
| 9 7 7a 4                        |  |  |  |  |  |  |  |  |  | 12 25 15 18            |  |  |  |  | 7 27                |  |  |  |  |
|                                 |  |  |  |  |  |  |  |  |  | 2 3                    |  |  |  |  |                     |  |  |  |  |



R11961



R11530

## BX 490A

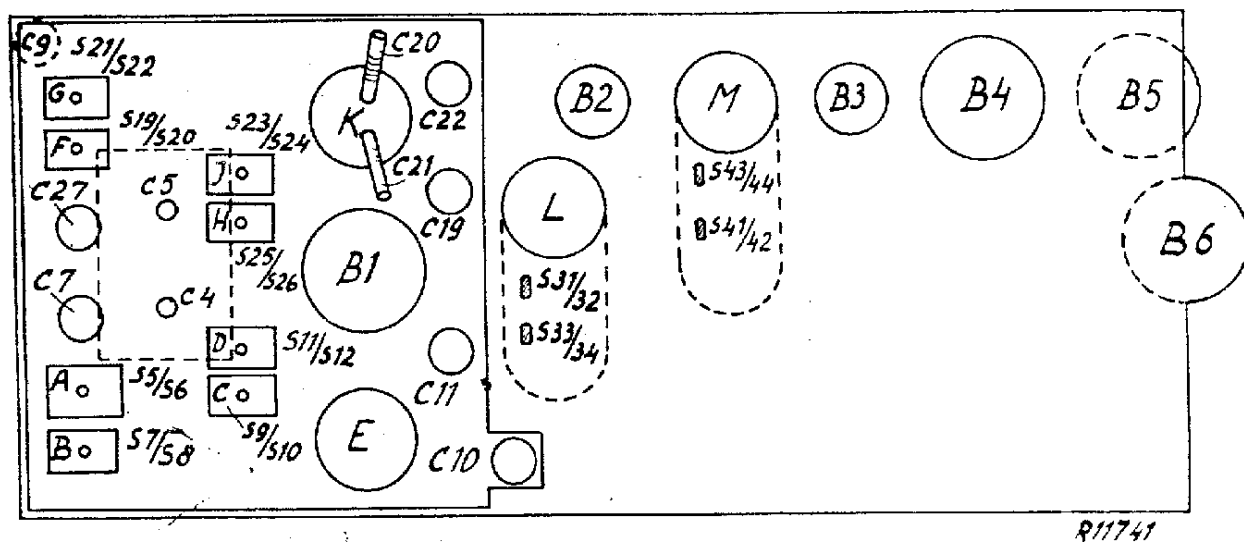


Fig. 5

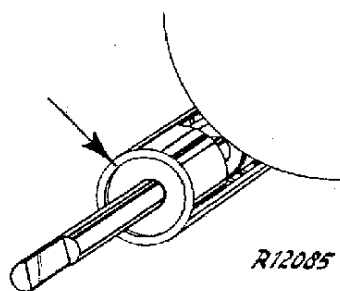


Fig. 6

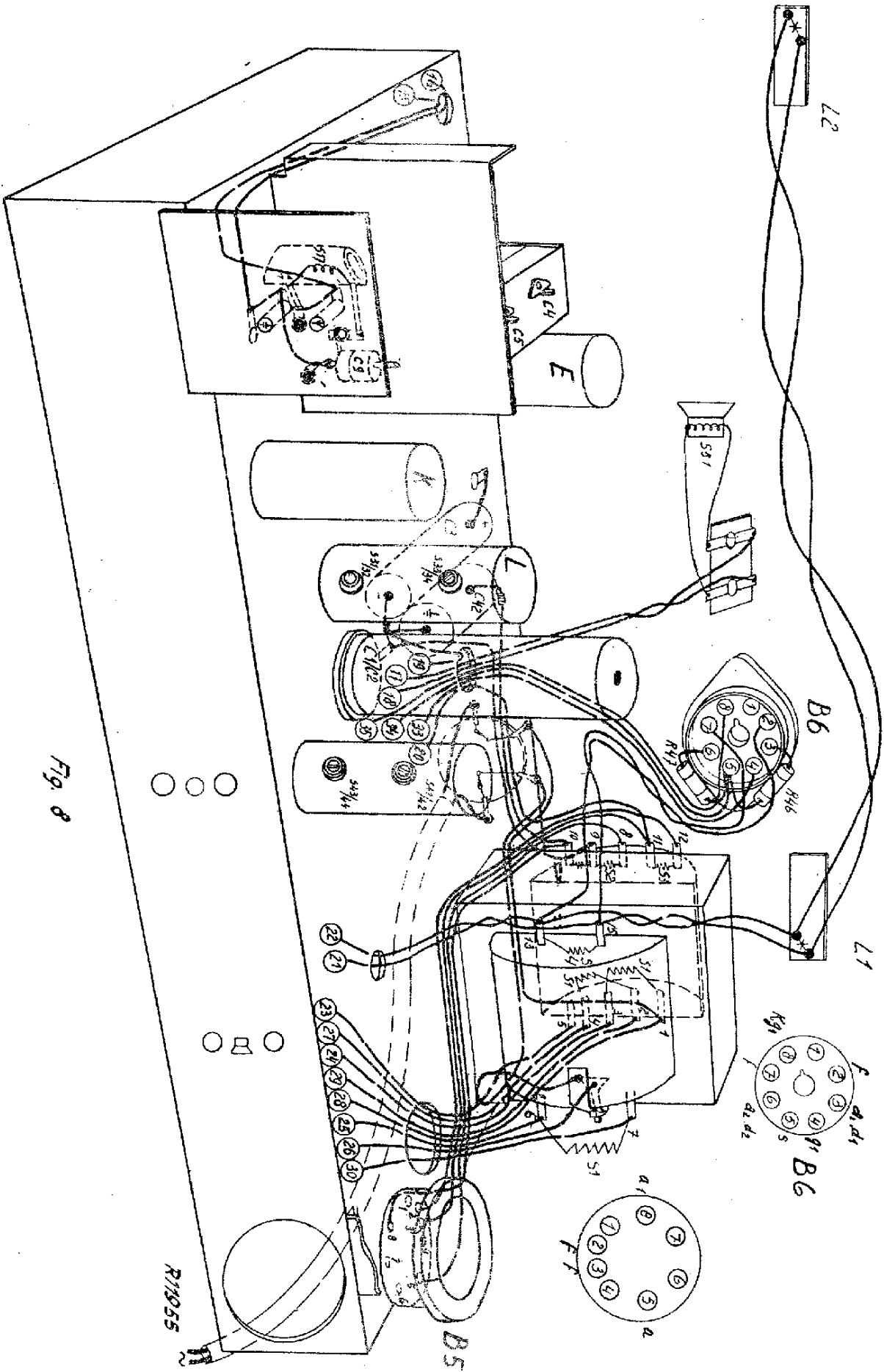
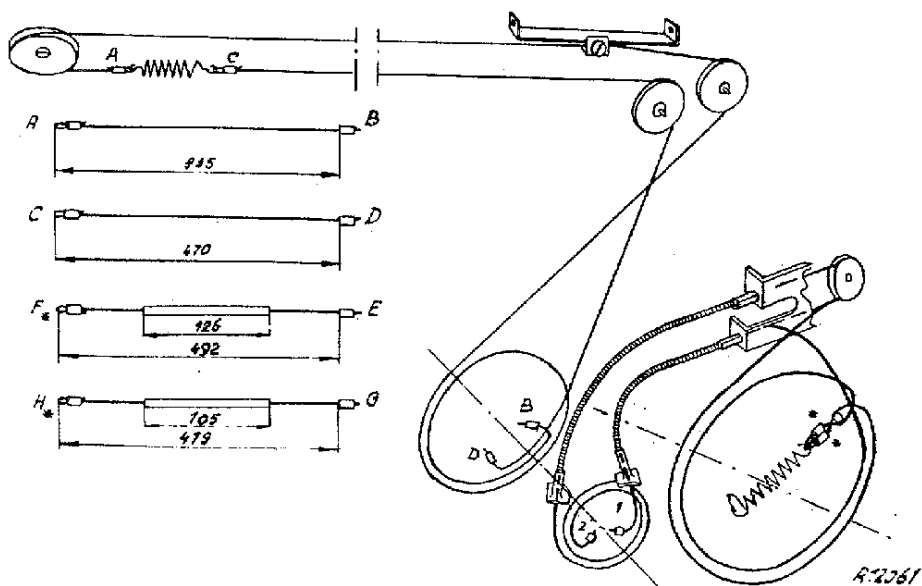
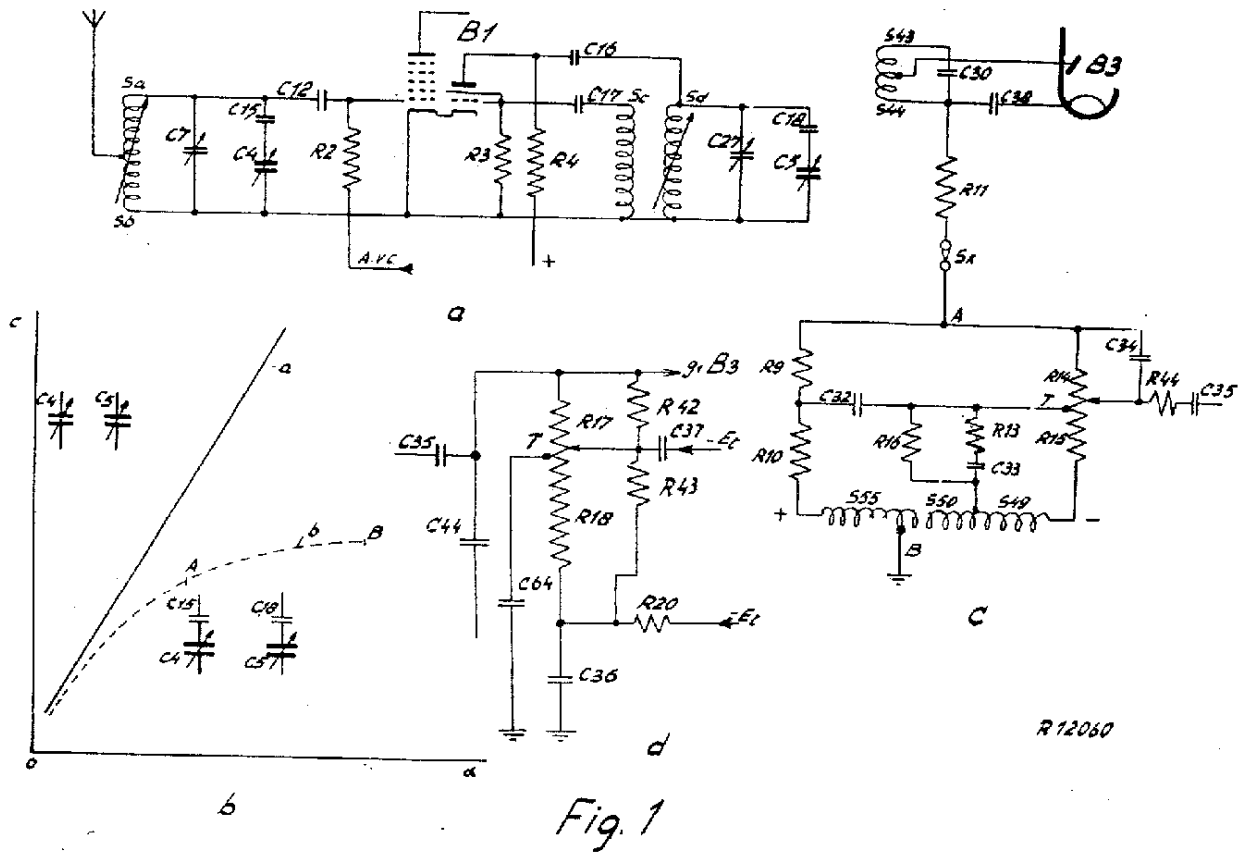


Fig. 8

## BX 490A



# BX 490A

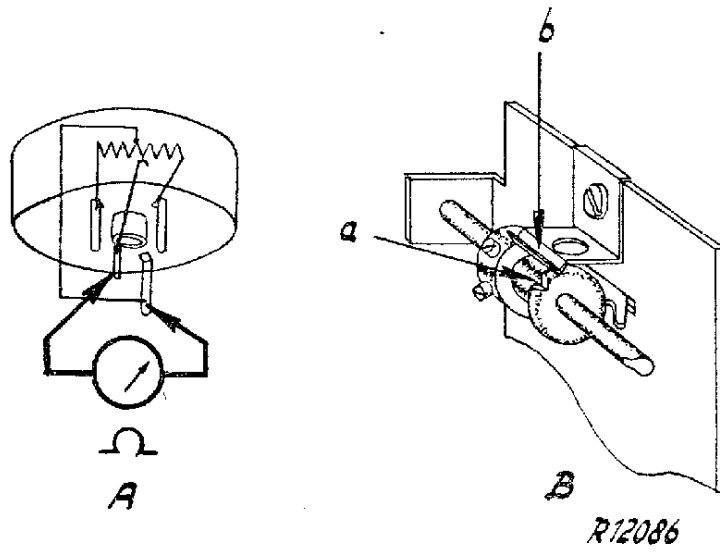


Fig. 3

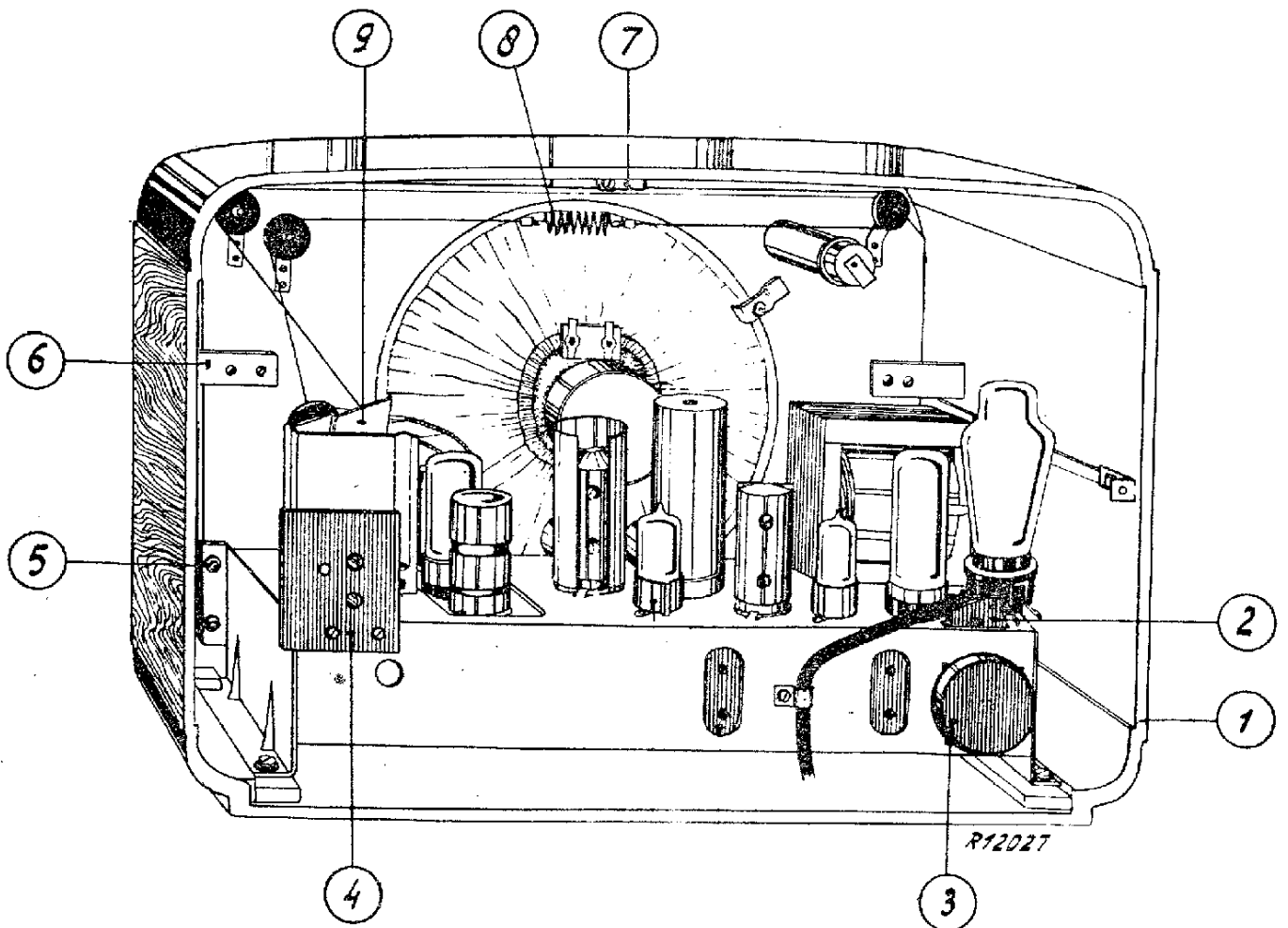


Fig. 4

# LIJST VAN ONDERDELEN EN GEREEDSCHAPPEN

Bij bestelling altijd vermelden:

1. Codenummer en kleur
2. Omschrijving
3. Typenummer van het apparaat

| Fig. | Pos. | Omschrijving                                             | Codenummer  |
|------|------|----------------------------------------------------------|-------------|
| 4    | 1    | Kast (kl.038)                                            | A3 364 14.0 |
|      |      | Achterwand                                               | A3 250 81.2 |
| 4    | 2    | Omschakelplaat netspanning                               | A3 379 34.0 |
| 4    | 3    | Omschakelknop (kl.c.111)                                 | A1 339 01.1 |
| 4    | 4    | Stekerbuisplaat antenne                                  | A3 379 17.0 |
| 4    | 5    | Rubbertulle bevestiging frontplaat                       | A3 642 11.0 |
| 4    | 6    | Verlichtingslamphouder                                   | A3 359 16.0 |
| 4    | 7    | Wijzer                                                   | A3 690 10.0 |
| 4    | 8    | Trekveer wijzersnaar                                     | A3 646 14.0 |
|      |      | Indicatieschijf golfgebieden                             | A3 400 47.0 |
|      |      | Knop (kl.c.038) volume, afstemming, golfgebiedschakelaar | A3 364 31.0 |
|      |      | Knop toonregeling                                        | A3 364 32.0 |
|      |      | Bladveer voor knoppen                                    | 28 753 01.2 |
|      |      | Schakelsegment No. 1                                     | A3 199 44.0 |
|      |      | Schakelsegment No. 2                                     | A3 199 45.0 |
|      |      | Schakelsegment No. 3                                     | A3 199 46.0 |
|      |      | Schakelsegment No. 4                                     | A3 199 47.0 |
|      |      | Schakelsegment voor P.U.schakelaar                       | A3 181 43.0 |
| 4    | 9    | Variabele condensator trommel                            | 49 001 23.1 |
|      |      | Rubberschijf (slagbegrenzing variabele condensator)      | A3 574 73.0 |
|      |      | Rubberbuis (slagbegrenzing variabele condensator)        | A3 487 10.1 |
|      |      | Trekveer in trommel van de variabele condensator         | A3 646 09.3 |
|      |      | Spiraalveer voor ophanging variabele condensator         | A3 652 22.2 |
|      |      | Philite trommel (kl.c.111)                               | 23 644 40.1 |
|      |      | Aandrijfas afstemming                                    | A3 333 05.0 |
|      |      | As toonregelaar                                          | A3 429 45.0 |
|      |      | Stelring op de as van de toonregelaar                    | A3 560 25.0 |
|      |      | Bus op de toonregelaaras voor de P.U. schakelaar         | A3 304 10.0 |
|      |      | Stationsschaal N                                         | A3 220 32.0 |
|      |      | Stationsschaal Z                                         | A3 220 33.0 |
|      |      | Bevestigingsbeugel voor variabele condensator            | 49 758 04.0 |
|      |      | Koperkern voor het afregelen van de kortegolfspeelen     | A3 599 56.0 |
|      |      | LUIDSPREKER Type 9696/05                                 |             |
|      |      | Conus met speel                                          | 28 220 51.1 |
|      |      | Felsring                                                 | 25 871 81.0 |
|      |      | Papieren ring                                            | 28 451 54.0 |
|      |      | Verstrooiingskegel                                       | 23 666 66.1 |
|      |      | GEREEDSCHAP                                              |             |
|      |      | Service oscillator                                       | GM 2882     |
|      |      | Universeel meetapparaat                                  | GM 4256 of  |
|      |      |                                                          | GM 4257     |
|      |      | Superlawax                                               | X 007 14.0  |

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## CONDENSERS-CONDENSATOREN-CONDENSATEURS-KONDENSATOREN

|     |            |                 |     |          |                |
|-----|------------|-----------------|-----|----------|----------------|
| C1  | 50 uF)     | 48 317 09/50+50 | C25 | 4,7 pF   | 48 406 99/4E7  |
| C2  | 50 uF)     |                 | C27 | 30 pF    | 28 212 36.4    |
| C3  | 100 uF     | 28 185 88.1     | C29 | 115 pF)  | See coils,     |
| C4  | 12-492 pF) | 49 001 23.1     | C30 | 115 pF)  | Zie spoelen,   |
| C5  | 12-492 pF) |                 |     |          | Voir bobines,  |
| C7  | 30 pF      | 28 212 36.4     |     |          | Siehe Spulen   |
| C8  | 12 pF      | 48 406 99/12E   | C31 | 18 pF    | 48 406 10/18E  |
| C9  | 30 pF      | 28 212 36.4     | C32 | 3300 pF  | 48 751 10/3K3  |
| C10 | 30 pF      | 28 212 36.4     | C33 | 15000 pF | 48 750 10/15K  |
| C11 | 30 pF      | 28 212 36.4     | C34 | 4,7 pF   | 48 406 99/4E7  |
| C12 | 220 pF     | 48 406 20/220E  | C35 | 8200 pF  | 48 750 10/8K2  |
| C13 | 47000 pF   | 48 750 20/47K   | C36 | 8200 pF  | 48 750 10/8K2  |
| C14 | 47000 pF   | 48 751 20/47K   | C37 | 100 pF   | 48 406 10/100K |
| C15 | 115 pF     | 48 406 01/115E  | C38 | 47 pF    | 48 406 10/47E  |
| C16 | 470 pF     | 48 410 20/470E  | C39 | 0,1 uF   | 48 751 20/100K |
| C17 | 56 pF      | 48 410 10/56E   | C40 | 10000 pF | 48 751 20/10K  |
| C18 | 115 pF     | 48 429 99/115E  | C41 | 2200 pF  | 48 757 20/2K2  |
| C19 | 30 pF      | 28 212 36.4     | C42 | 22000 pF | 48 758 20/22K  |
| C20 | 400-575 pF | 49 005 55.0     | C44 | 10 pF    | 48 406 99/10E  |
| C21 | 175 pF     | 49 005 52.0     | C48 | 47000 pF | 48 751 20/47K  |
| C22 | 30 pF      | 28 212 36.4     | C49 | 22 pF    | 48 406 20/22E  |
| C23 | 115 pF)    | See coils,      | C50 | 47000 pF | 48 751 20/47K  |
| C24 | 115 pF)    | Zie spoelen,    | C64 | 68000 pF | 48 750 20/68K  |
|     |            | Voir bobines,   | C65 | 47000 pF | 48 750 20/47K  |
|     |            | Siehe Spulen    |     |          |                |

## COILS-SPOELEN-BOBINES-SPULEN

|      |          |             |     |          |             |
|------|----------|-------------|-----|----------|-------------|
| S1   | Ohm)     |             | S25 | < 1 Ohm) | A3 110 84.0 |
| S2   | Ohm)     |             | S26 | < 1 Ohm) |             |
| S3   | < 1 Ohm) | A3 141 44.0 | S27 | 2,5 Ohm) |             |
| S4   | < 1 Ohm) |             | S28 | 6,7 Ohm) | A3 122 21.0 |
| Z1   | )        |             | S29 | 4,8 Ohm) |             |
| S5   | < 1 Ohm) | A3 110 77.0 | S30 | 19 Ohm)  |             |
| S6   | < 1 Ohm) |             | S17 | 35 Ohm)  | A3 110 60.1 |
| S7   | < 1 Ohm) | A3 110 78.0 | S31 | 3 Ohm)   |             |
| S8   | < 1 Ohm) |             | S32 | 5 Ohm)   |             |
| S9   | < 1 Ohm) | A3 110 79.0 | S33 | 4 Ohm)   | A3 121 94.1 |
| S10  | < 1 Ohm) |             | S34 | 5 Ohm)   |             |
| S11  | < 1 Ohm) | A3 110 80.0 | C23 | 115 pF)  |             |
| S12  | < 1 Ohm) |             | C24 | 115 pF)  |             |
| S13  | 100 Ohm) |             | S41 | 4 Ohm)   |             |
| S14  | 5 Ohm)   |             | S42 | 5 Ohm)   |             |
| S15  | 170 Ohm) | A3 122 20.0 | S43 | 3 Ohm)   | A3 121 94.1 |
| S16  | 44 Ohm)  |             | S44 | 5 Ohm)   |             |
| S16a | 6,5 Ohm) |             | C29 | 115 pF)  |             |
| S19  | < 1 Ohm) | A3 110 81.0 | C30 | 115 pF)  |             |
| S20  | < 1 Ohm) |             | S45 | 700 Ohm) |             |
| S21  | < 1 Ohm) | A3 110 82.0 | S46 | 15 Ohm)  |             |
| S22  | < 1 Ohm) |             | S47 |          |             |
| S23  | < 1 Ohm) | A3 110 83.0 | S48 | < 1 Ohm) | A3 151 47.0 |
| S24  | < 1 Ohm) |             | S49 | < 1 Ohm) |             |
|      |          |             | S50 | < 1 Ohm) |             |
|      |          |             | S55 | < 1 Ohm) |             |
|      |          |             | S51 | 4 Ohm)   | 28 220 51.1 |

## RESISTANCES-WEERSTANDEN-RESISTANCES-WIDERSTÄNDE

|     |             |                |     |           |                |
|-----|-------------|----------------|-----|-----------|----------------|
| R1  | 1200 Ohm    | 48 468 10/1K2  | R19 | 0,82 MOhm | 48 425 10/820K |
| R2  | 0,82 MOhm   | 48 425 10/820K | R20 | 0,39 MOhm | 48 425 10/390K |
| R3  | 47000 Ohm   | 48 425 10/47K  | R21 | 1,5 MOhm  | 48 426 10/1M5  |
| R4  | 22000 Ohm   | 48 427 10/22K  | R22 | 0,1 MOhm  | 48 425 10/100K |
| R5  | 82 Ohm      | 48 426 05/82E  | R23 | 1,5 MOhm  | 48 426 10/1M5  |
| R6  | 33 Ohm      | 48 425 10/33E  | R24 | 0,1 MOhm  | 48 426 10/100K |
| R7  | 47000/2 Ohm | 48 427 10/47K  | R25 | 0,33 MOhm | 48 425 10/560K |
| R8  | 0,1 MOhm    | 48 427 10/100K | R26 | 1000 Ohm  | 48 425 10/1K   |
| R9  | 0,47 MOhm   | 48 425 10/470K | R28 | 0,68 MOhm | 48 426 10/680K |
| R10 | 27000 Ohm   | 48 425 10/27K  | R29 | 0,15 MOhm | 48 425 10/150K |
| R11 | 47000 Ohm   | 48 425 10/47K  | R42 | 0,82 MOhm | 48 425 10/820K |
| R13 | 27000 Ohm   | 48 425 10/27K  | R43 | 3,3 MOhm  | 48 426 10/3M3  |
| R14 | 0,65 MOhm   | 49 500 33.0    | R44 | 0,18 MOhm | 48 425 10/180K |
| R15 | 2 MOhm      |                | R45 | 2,2 MOhm  | 48 425 10/2M2  |
| R16 | 0,1 MOhm    | 48 425 10/100K | R46 | 1 MOhm    | 48 425 10/1M   |
| R17 | 0,2 MOhm    | 49 473 52.0    | R47 | 1 MOhm    | 48 425 10/1M   |
| R18 | 2 MOhm      |                |     |           |                |