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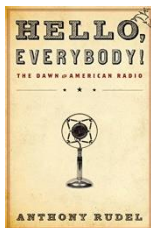
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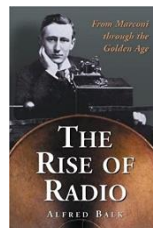
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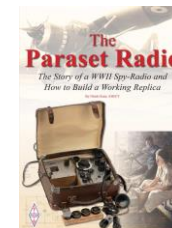
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As the dominant form of electronic mass communication in the United States from the 1930s into the 1950s, radio helped to forge a modern continental nation. It fused myriad subcultures heavily rural, ethnic, and immigrant into a national identity, unifying the nation in the face of the Depression and war.



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This book describes the gripping story behind the Paraset – a unique spy-radio, dropped behind enemy lines in the dark days of WWII. This radio being both light weight and state of the art for the time was concealed in a suitcase, making ideal for use by the spies of SOE.

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AMERICAN BOSCH MAGNETO CORPORATION

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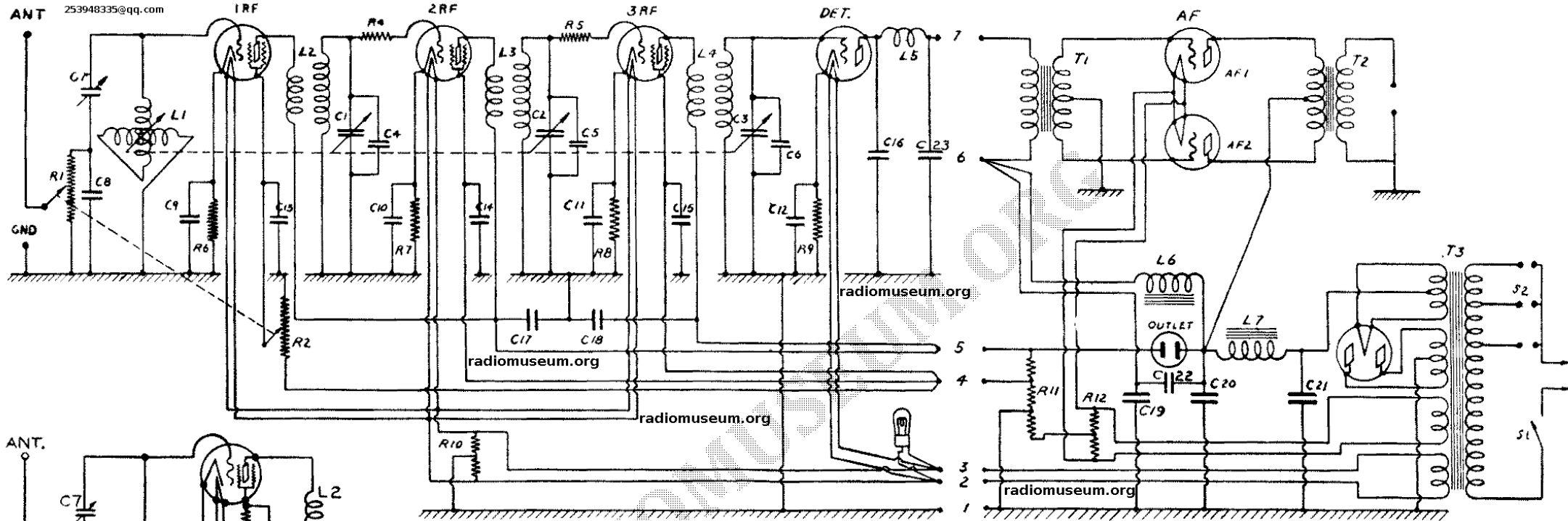
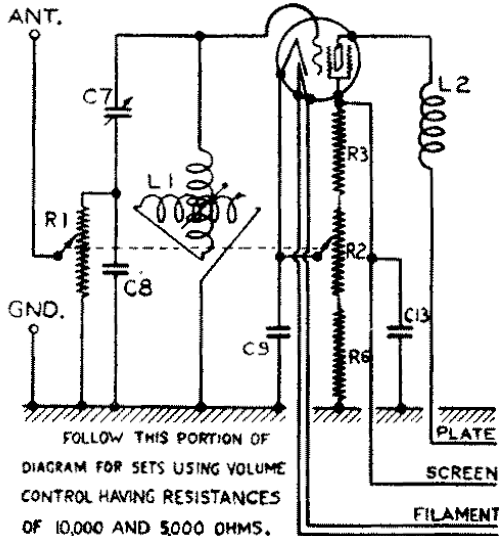


Fig 8—Schematic Wiring Diagram of Bosch Model 48 Receiver



- L1—Variometer
- L2—2nd RF Coil
- L3—3rd RF Coil
- L4—Detector Coil
- L5—Detector Plate Choke
- L6—Small Filter Choke
- L7—Large Filter Choke
- S1—Off and On Switch
- S2—Voltage Tap Switch
- C1—2nd RF Tuning Condenser
- C2—3rd RF Tuning Condenser
- C3—Detector Tuning Condenser
- C4—2nd RF Alignment Condenser
- C5—3rd RF Alignment Condenser
- C6—Detector Alignment Condenser

- C7—Antenna Tuning Condenser
- C8—Antenna Condenser .001 mfd.
- C9—1st RF Cathode By-Pass Condenser .5 mfd
- C10—2nd RF Cathode By-Pass Condenser .5 mfd
- C11—3rd RF Cathode By-Pass Condenser .5 mfd
- C12—Detector Cathode By-Pass Condenser 1 mfd
- C13—1st RF Screen By-Pass Condenser .5 mfd
- C14—2nd RF Screen By-Pass Condenser .5 mfd
- C15—3rd RF Screen By-Pass Condenser .5 mfd
- C16—Detector Plate By-Pass Condenser .001 mfd
- C17—1st and 2nd RF Plate By-Pass Condenser .5 mfd
- C18—3rd RF Plate By-Pass Condenser .5 mfd
- C19—Filter Condenser 1 mfd.
- C20—Filter Condenser 2 mfd.
- C21—Filter Condenser 4 mfd.
- C22—By-Pass Condenser } 60 cycles .05 mfd
- } 25 cycles 2 mfd
- C23—Detector Plate By-Pass Condenser .001 mfd.

- T1—Audio Input Transformer
- T2—Audio Output Transformer
- T3—Power Transformer
- R1—Volume Control { 10,000 } ohms (Antenna)
- } 10,000
- R2—Volume Control { 50,000 } ohms
- } 5,000
- R3—1st RF Screen Resistor 25,000 ohms
- R4—2nd RF Grid Resistor 500 ohms
- R5—3rd RF Grid Resistor 500 ohms
- R6—1st RF Bias Resistor 1500 ohms
- R7—2nd RF Bias Resistor 1500 ohms
- R8—3rd RF Bias Resistor 1500 ohms
- R9—Detector Bias Resistor 15,000 ohms
- R10—RF Center Tap Resistor
- R11—Voltage Divider Resistor
- R12—Audio Center Tap Resistor

Fig. 4