

Feb. 24, 1925

1,527,896

S. L. MILLER

RADIOCABINET

Filed June 7, 1922

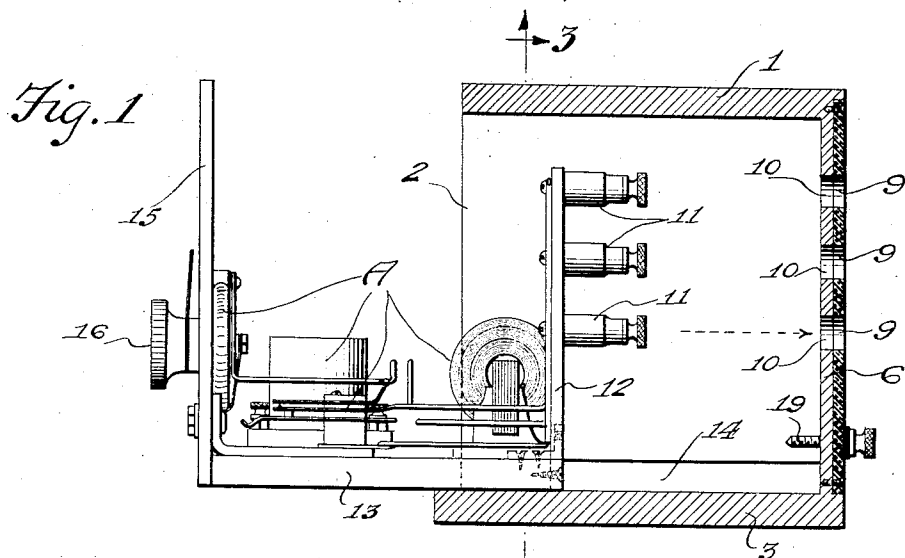


Fig. 2

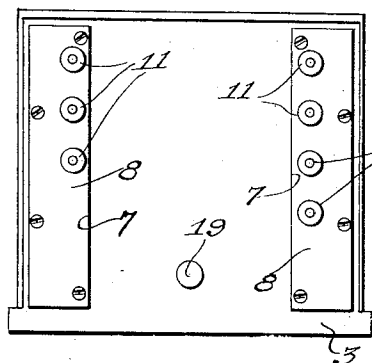


Fig. 3

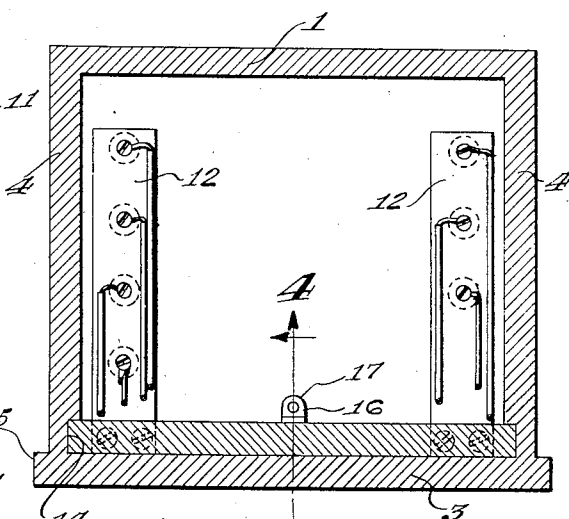


Fig. 4

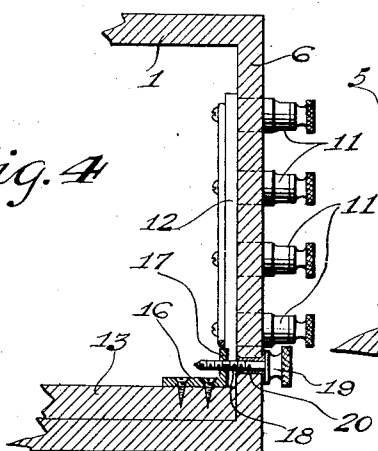
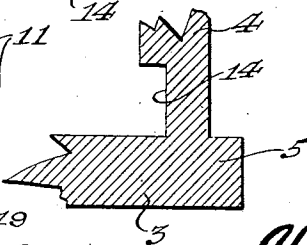


Fig. 5



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Patented Feb. 24, 1925.

1,527,896

UNITED STATES PATENT OFFICE.

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RADIOCABINET.

Application filed June 7, 1922. Serial No. 566,661.

To all whom it may concern:

Be it known that I, SAMUEL L. MILLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Radiocabinets, of which the following is a specification.

This invention relates to cabinets for radio or wireless telephone apparatus, and an object of the invention is to provide a cabinet which is designed to facilitate quick, and easy positioning therein of the respective apparatus and to insure accurate proper position of the apparatus, eliminating inconveniences contingent with approved types of cabinets now on the market in which it is relatively difficult to properly position the respective binding post in proper alignment with the cabinet openings.

Another object of this invention is to provide a radio apparatus cabinet as specified which comprises a subbase slidably supported, in suitable guides upon the base proper of the cabinet, which subbase carries all of the instruments or apparatus and has standards rising therefrom which carry the various binding post, so that as the subbase is moved into position in the cabinet the relative binding post will be moved into direct alignment in and through the respective openings in the back of the cabinet.

Other objects of the invention will appear in the following detailed description taken in connection with the accompanying drawing wherein:

Fig. 1 is a vertical section through the cabinet showing the subbase and the apparatus carried thereby in side elevation, and partly withdrawn from the cabinet.

Fig. 2 is a rear elevation of the improved cabinet.

Fig. 3 is a vertical section taken on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary vertical section taken on the line 4—4 of Fig. 3.

Fig. 5 is an enlarged fragmentary section of a part of the cabinet.

Referring more particularly to the drawings, the improved cabinet comprises the main cabinet 1 which is constructed of wood or analogous material, and is rectangular in shape having its front side 2 open. The bottom 3 of the cabinet 1, extends beyond the front edges of the sides 4 of the cabinet, and it also projects laterally of the sides 4 forming a flange 5 about the front and

sides of the cabinet. The back 6 of the cabinet is provided with vertically extending recesses or cut out portions 7 in which panels 8 of bakelite, or analogous insulating material are seated, which are provided with suitable openings 9 aligning with the openings 10 formed in the back 6 to permit the extension there through of the various binding post 11 which are utilized for connecting the various instruments or apparatus, such as couplers, grids, amplifiers, batteries and the like in proper relation in the cabinet. The binding post 11 are carried by vertically supporting plates or bars 12 of insulating material which are in turn attached to the inner edge of the subbase or bottom 13. The subbase or bottom 13 has its edges engaged in guiding slots 14 formed in the sides 4 of the cabinet 1 and this subbase is slidable over the base 3 to permit it to be extended as shown in Fig. 1 of the drawings or completely removed from the cabinet 1 for purposes of changing or adjustment of the various instruments or apparatus, as indicated at A, which are carried by the subbase 13. All of the various apparatus A, or their carrying sockets are rigidly attached to the subbase 13 and connected to the respective binding post 11 which are also permanently attached to the subbase 13 through the medium of the bars or plates 12. The front 15 of the cabinet is attached to the subbase 13 and it may have the usual form of dial 16 or the like carried thereby.

A bracket 16 is carried by the subbase 13 and it has an upstanding ear 17 formed thereon which is provided with a screw threaded opening 18 into which a thumb screw 19 threads. The thumb screw 19 is rotatably carried by a sleeve 20 carried by the back 6 of the cabinet 1 and is adapted to be threaded into the ear 17 for connecting the subbase 13 in its proper position for holding the respective apparatus carried thereby properly within the cabinet 1.

From the foregoing description taken in connection with the accompanying drawings it will be apparent that an improved cabinet for radio apparatus has been provided, in which all of the instruments or apparatus, being carried by the subbase may be easily changed or altered when necessary and that all of the various apparatus will be properly and accurately positioned within the cabinet with a minimum effort, such effort requiring only the sliding of

the subbase into the cabinet, which sliding movement is guided by the guides 14 so as to permit the binding post to extend directly to and through their respective openings.

It is, of course, to be understood that the invention may be constructed in other manners and the parts associated in different relations and, therefore, I do not desire to be limited in any manner except as set forth in the claims hereunto appended.

Having thus described my invention what I claim is:

1. In a cabinet for radio apparatus, a cabinet having its front side open and including a base, an apparatus carrying subbase slidably resting upon said first named base, an upstanding front carried by said subbase for forming the front of the said cabinet, said cabinet provided with a plurality of openings in its rear side, upstanding plates carried at the inner edge of said subbase, and binding posts carried by said plates for insertion through said openings.

2. In a cabinet for radio apparatus, a cabinet having its front side open and including a base, an apparatus carrying subbase slidably resting upon said first named base, an upstanding front carried by said subbase for forming the front of the said cabinet, said cabinet provided with a plurality of openings in its rear side, upstanding plates carried at the inner edge of said subbase, binding posts carried by said plates for insertion through said openings, and guiding means for guiding movement of said subbase to properly hold and position

said binding posts in alignment with their respective openings.

3. In a cabinet for radio apparatus, a cabinet comprising a base and sides, an apparatus carrying subbase, said sides provided with guiding recesses receiving the edges of said subbase for guiding movement of the subbase into the cabinet, said cabinet having its front side open, a panel carried by said subbase for forming the front side of said cabinet, said cabinet comprising a back having a pair of strips of insulation inlaid therein, said strips of insulation and back provided with aligning openings, and vertical insulating plates carried by said subbase, and binding posts on said vertical plates for insertion through said openings.

4. In a cabinet for radio apparatus, a cabinet comprising a base and sides, an apparatus carrying subbase, said sides provided with guiding recesses receiving the edges of said subbase for guiding movement of the subbase into the cabinet, said cabinet having its front side open, a panel carried by said subbase for forming the front side of said cabinet, said cabinet comprising a back having a pair of strips of insulation inlaid therein, said strips of insulation and back provided with aligning openings, and vertical insulating plates carried by said subbase, and binding posts on said vertical plates for insertion through said openings, and means for locking said subbase in position within said cabinet.

In testimony whereof I affix my signature.

SAMUEL L. MILLER.