

Dec. 16, 1924.

1,519,260

E. J. QUINBY

RADIO CABINET

Filed Dec. 29, 1923

Fig. 1

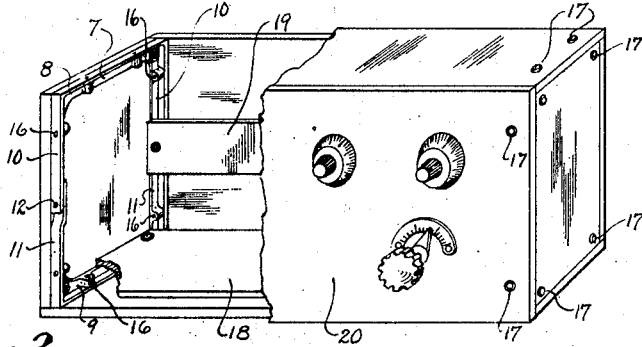


Fig. 2

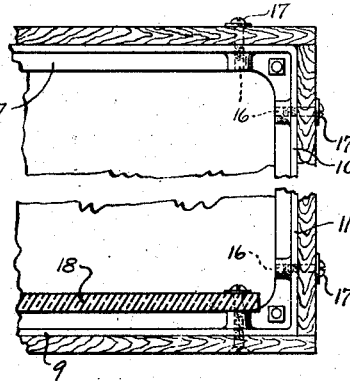
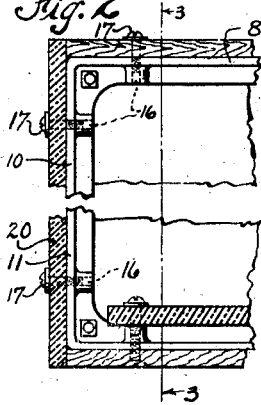


Fig. 3

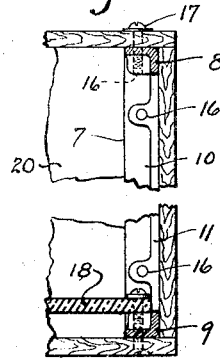


Fig. 4

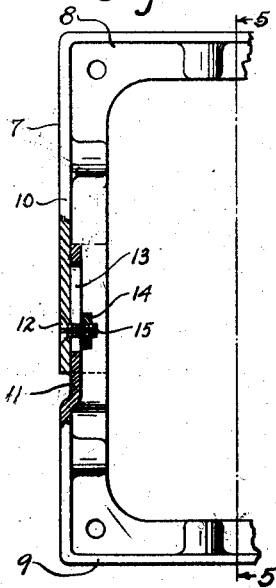


Fig. 5

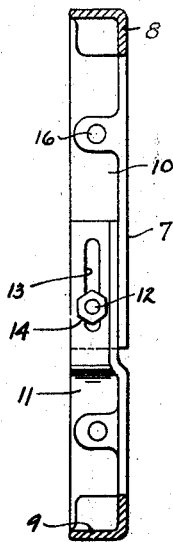
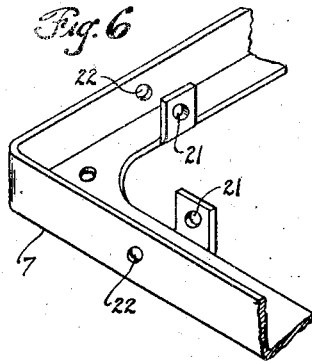


Fig. 6



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UNITED STATES PATENT OFFICE.

EDWIN JAY QUINBY, OF NEW YORK, N. Y., ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO QUINBY RADIO FRAME CORPORATION.

RADIOCABINET.

Application filed December 29, 1923. Serial No. 683,518.

To all whom it may concern:

Be it known that I, EDWIN JAY QUINBY, a citizen of the United States, and resident of New York, in the county of Bronx and State of New York, have invented certain new and useful Improvements in Radiocabinets, of which the following is a specification.

My invention relates to improvements in radio cabinets; and its objects are to make the frame of said cabinets adjustable, to render the operating parts of the cabinet accessible to the operator, to dispense with the unnecessary parts heretofore employed in radio cabinets, to reinforce and sustain the frame of the cabinet and in general to simplify and render more effective the operation of the several parts.

In the radio cabinets now on the market, there is found to be considerable objection thereto on account of the flimsy construction thereof.

Many cabinets now on the market are constructed entirely without reinforcement. They are made of various shapes and sizes to suit the public demands, and the walls of such cabinets are often too thin to support the parts of the apparatus which may be mounted thereon. Particularly is this true in case of the insulating or instrument panel, which ordinarily forms a part of one of the walls of the cabinet, to which panel are usually attached the operating parts and instrumentalities of the radio apparatus.

Where such panel is long and rectangular, there is a tendency for the same to warp or bend with the weight of the instrument and to render the same ineffective for the purpose for which they have been designed. Through the use of my invention these difficulties are overcome and obviated.

My invention primarily consists in providing a frame which is adjustable and can be made to fit cabinets of different sizes. Such frame is so constructed as to form an effective bracing for the cabinet.

Through the use of my invention a cabinet may be partly assembled, leaving inner side or sides open, which may be later installed, the insulating panel being preferably attached to the frame in order that it may be made accessible for the purpose of wiring

and connecting the operating parts through the side or sides left open for such purposes.

By the use of my improved frames the assembly and operation of a radio set is thereby accomplished with effectiveness and celerity.

Reference is hereby made to the accompanying drawing in which similar numerals of designation refer to similar parts throughout the several views.

Figure 1 is a view and perspective of my improved cabinet showing the same partly broken away in order to illustrate the location and adjustment of the frame;

Fig. 2 is an enlarged sectional view of the parts adjacent to the four corners of one of the end pieces forming part of the frame;

Fig. 3 is a section on line 3—3 of Fig. 2 looking in the direction of the arrows;

Fig. 4 is the side elevation of part of one of the end pieces, showing the same partly in section to illustrate the adjustable features thereof;

Fig. 5 is a section on line 5—5 of Fig. 4 looking in the direction of the arrows; and

Fig. 6 is a modification of one of the corners of one of the end pieces constituting the frame.

Referring to the drawing, my improved radio cabinet is built around a frame of which the two important elements are the end pieces 7 of which there are two. Such end pieces are preferably constructed in two parts an upper part 8 and a lower part 9. The upper part 8 is constructed with downwardly depending arms 10, which overlap the upwardly extending arms 11 of the lower part 9, the overlapping portions of the arms being fastened together by means of a bolt 12, which passes through a round opening in the arm 10, and engages with a slot 13, in the upwardly extending arm 11.

The nut 14, engaging with the shank 15, of said bolt serves to secure each of said arms in operative position. The opposite sides of the said end pieces constituting the frame being each provided with the said method of adjustment the parts 8 and 9 may be mutually adjusted to and from each other.

The said end pieces 7, are preferably con-

structed of metal but may be of any hard and resilient substance suitable for the purpose.

The convenient parts of the said end pieces 7, are lugs with threaded openings 16, for the reception of screw bolts 17, which serve to secure the walls of the cabinet thereto as shown.

Preferably my improved cabinet is provided with a floor board 18, and a reinforced strip 19, the end of which are each secured to one of the end pieces 7 of my improved frame.

At the front of the cabinet is the panel board 20, forming one of the sides of the cabinet and securing the end pieces of my frame in the manner before described.

In Fig. 6 I have illustrated a modification of the securing means, whereby the method of adjustment is slightly different from that shown in my preferred frame of apparatus in that the plate of screw bolt 17, is taken by ordinary bolts, provided with nuts, the shanks of which engage with the openings 21 and 22.

Within my improved cabinet I preferably leave open the top and side thereto, in order that the panel board may thereby be rendered accessible.

After the various instrumentalities con-

stituting radio outfit have been assembled the top and side are then re-secured to the end pieces of my improved frame as above described.

As will be observed, my improved frame may be made adjustable to fit radio cabinets of varying heights, and thereby may be utilized for a considerable number of different sized cabinets.

If desired, in addition to making the top and bottom portions of my improved end pieces adjustable to and from each other, there may be similar adjustable features introduced at the top and bottom of my end pieces, thereby making the said end pieces not only adjustable in height but also adjustable laterally.

I claim and desire to protect by Letters Patent;

In a radio cabinet, end pieces consisting of top and bottom members having arms adjustably secured to each other combined with side and bottom strips connecting the said end pieces and holding the same in operative position.

Signed at New York, in the county of New York and State of New York, this twenty-eighth day of December, A. D. 1923.

EDWIN JAY QUINBY.