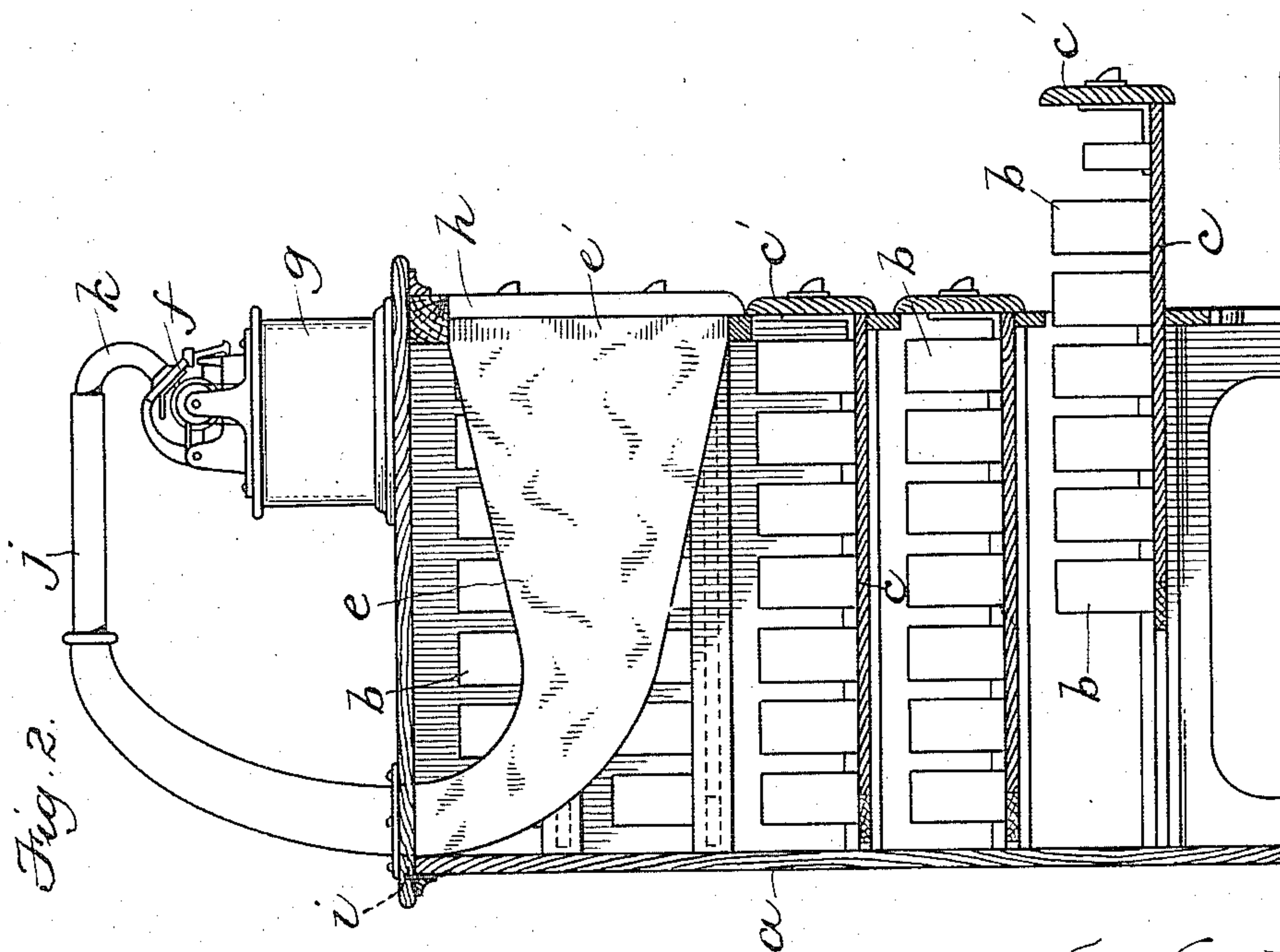
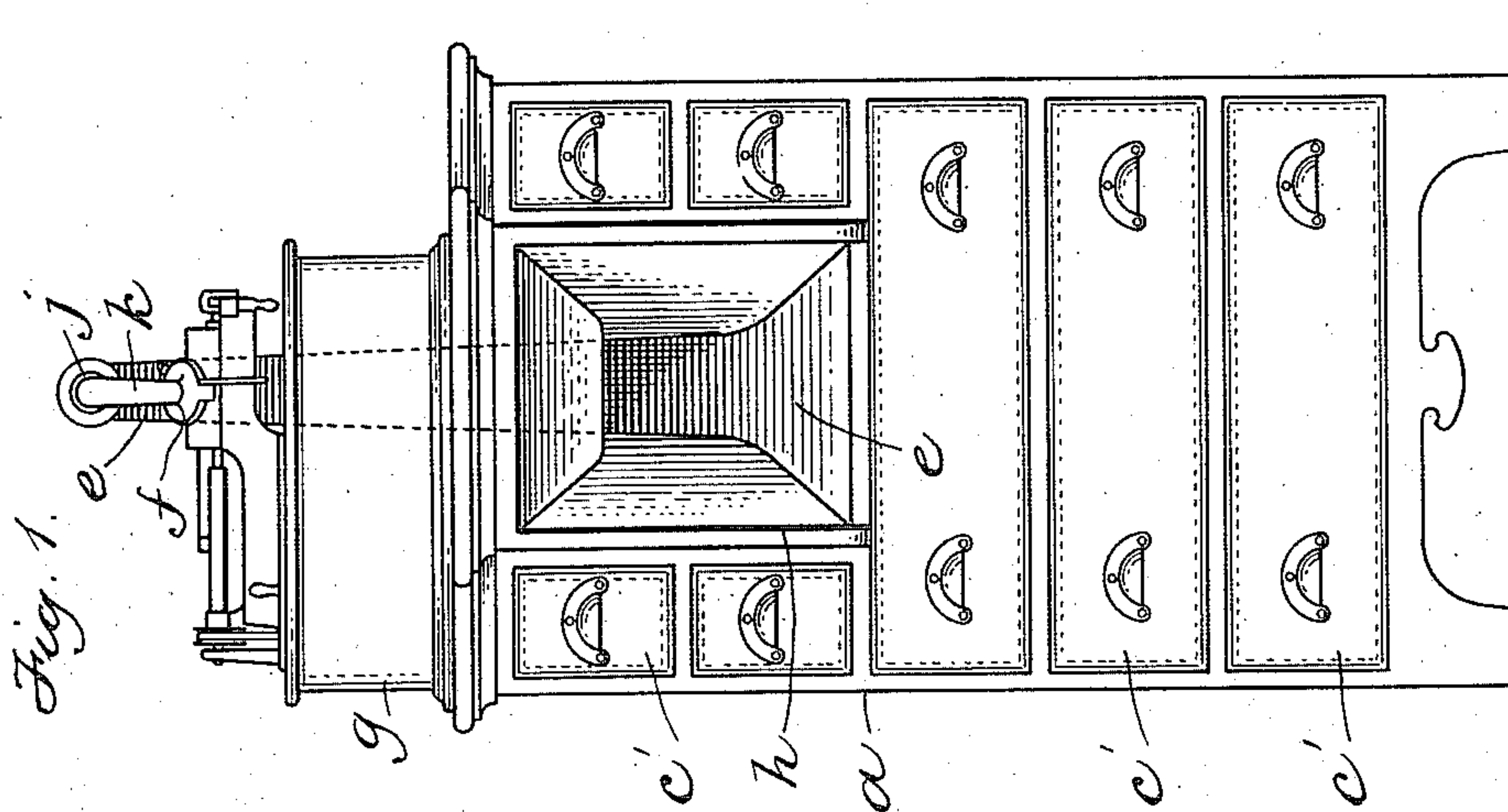


APPLICATION FILED MAR. 9, 1908.

959,522.

Patented May 31, 1910.



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UNITED STATES PATENT OFFICE.

EDWIN A. HALL, OF HYDE PARK, MASSACHUSETTS.

PHONOGRAPH-CABINET.

959,522.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed March 9, 1908. Serial No. 419,862.

To all whom it may concern:

Be it known that I, EDWIN A. HALL, of Hyde Park, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Phonograph-Cabinets, of which the following is a specification.

This invention relates to a cabinet used for supporting a phonograph, and for containing the record cylinders used in operating the phonograph.

The invention has for its object to enable the sound amplifying horn of a phonograph to be contained mainly within the said cabinet, so that the entire outfit, including the phonograph, the cabinet and the horn, will be reduced to compact form, and the disadvantage and inconvenience of a horn projecting outwardly above the phonograph will be obviated.

The invention consists of an improved construction and arrangement of a phonograph cabinet and a phonograph horn located in said cabinet and its connection with the traveling diaphragm holder, as hereinafter set forth and claimed.

Of the accompanying drawings, forming a part of this specification,—Figure 1 represents a front elevation of a phonograph cabinet embodying my invention, and a phonograph supported thereon. Fig. 2 represents an end elevation, the cabinet being shown in section.

The same letters of reference indicate the same parts in all the figures.

In the drawings *a* represents a cabinet which may be of any desired form, and is provided with means for holding a plurality of cylindrical phonograph records *b*. As here shown, the records are supported on slides *c* having front end pieces *c'*, which close openings provided in the front of the cabinet for the insertion and removal of slides and records.

In carrying out my invention I devote a portion of the interior of the cabinet to the storage of the sound amplifying horn *e*, which conducts the sound waves from the traveling diaphragm *f* forming a part of a phonograph which has the usual casing *g* supported on the flat top of the cabinet *a*. The horn *e* formed in one piece as shown may be made of sheet metal or any other suitable material, and has an enlarged end or mouth *e'* which occupies an opening *h* formed for its reception in the front side

of the cabinet *a*. The horn extends from the opening *h* through the upper part of the interior of the casing, and is curved upwardly, and its neck extends through an opening *i* formed in the top of the cabinet. The neck of the horn extends upward for some distance above the top of the cabinet, and curves forward toward the phonograph, its upper end being connected with the diaphragm holder *f* by a section of flexible tubing *j*, and a curved section *k* of rigid tubing attached to the diaphragm holder.

It will be seen that the major portion of the horn is contained in the cabinet, so that it is not only securely supported against accidental displacement, but is comparatively inconspicuous, and removes from the outfit the unwieldly and bulky appearance presented by a phonograph having a horn projecting above it. The outfit as a whole, including the phonograph, the horn and the cabinet, is therefore reduced to a compact form, and presents a much more desirable appearance than an outfit in which the horn projects above the phonograph, as usual.

I have here shown the horn located midway between the ends of the cabinet, the spaces between the sides of the horn and the ends of the cabinet being utilized to hold narrow record carrying slides.

I have found that in practice the horn located in the cabinet as shown, emits a clearer, smoother and more distinct tone than an ordinary horn supported in the usual manner.

I claim:

A phonograph cabinet having horn-receiving openings in its top and one side, a horn with an extended curved neck formed in one piece, the main body of the horn being within the cabinet, with its mouth in the side opening, and the curved neck extending through the opening in the top and extending for some distance above, and arched inwardly over the top, a phonograph and its casing mounted on said top, and having a short tube projecting inwardly in a single curve directly from its diaphragm holder, and a flexible tube connecting the said short curved tube with the extended end of the horn.

In testimony whereof I have affixed my signature, in presence of two witnesses.

E. A. HALL.

Witnesses:

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ARTHUR H. BROWN.