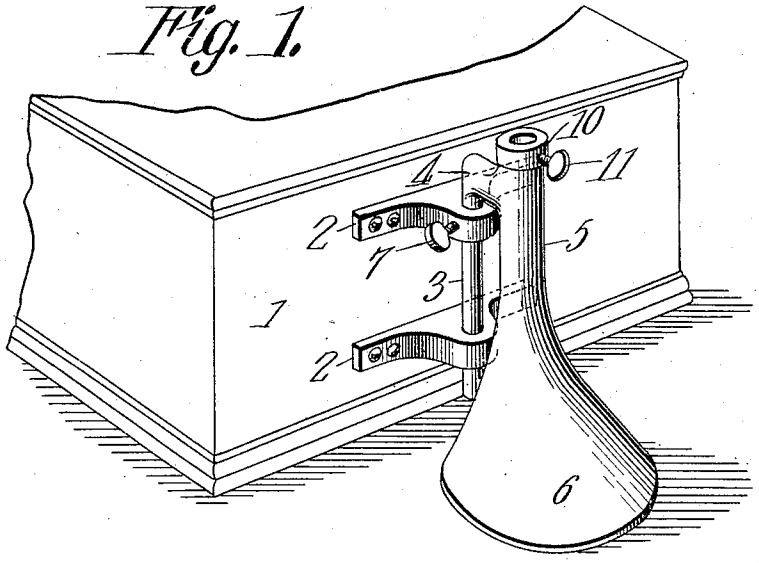
No. 870,008. PATENTED NOV. 5, 1907.

F. L. BEDELL.

AMPLIFYING HORN SUPPORT.

APPLICATION FILED APR. 22, 1907.

Fig. 1.



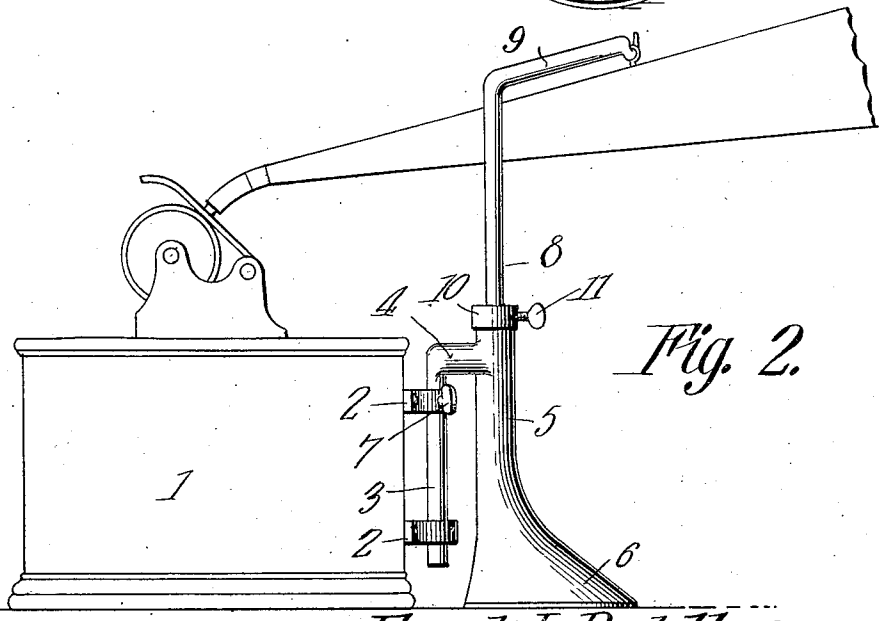


Fig. 2.

WITNESSES:

E. J. Stewart

F. J. Chapman.

Frank L. Bedell, INVENTOR.

By C. A. Snow & Co.

ATTORNEYS

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FRANK L. BEDELL, OF CARBONDALE, PENNSYLVANIA.

AMPLIFYING-HORN SUPPORT.

No. 870,008. Specification of Letters Patent. Patented Nov. 5, 1907.

Application filed April 22, 1907. Serial No. 369,592.

To all whom it may concern:

Be it known that I, FRANK L. BEDELL, a citizen of the United States, residing at Carbondale, in the county of Lackawanna and State of Pennsylvania, have invented a new and useful Amplifying-Horn Support, of which the following is a specification.

This invention has reference to improvements in amplifying-horn supports for talking machines, and its object is to provide an attachment for talking machines for receiving the horn crane and at the same time acting as a counterweight for the horn so that the machine as a whole is balanced when a large, overhanging horn is provided. This is accomplished by attaching to the front of the case a post or stand provided with a socket for a suitable crane from which the horn is hung, and this post or stand is formed with a heavy, extended base sufficiently massive to effectually counterweight the horn and to permit the use of large horns without the necessity of the employment of a floor stand to support the same and without in any manner overbalancing the machine as a whole. Furthermore, provision is made for folding the post or stand against the side of the machine in order that the space occupied thereby when not in use may be as small as possible.

The invention will be fully understood from the following detailed description taken in connection with the accompanying drawings forming part of this specification, in which,—

Figure 1 is a perspective view of the device as applied to the box or case of a talking machine; and Fig. 2 is a side view of the same with the horn crane in place.

Referring to the drawings, there is shown a case or cabinet 1 which may be taken as typical of any talking machine cabinet, designed to contain the motor and other parts that are used in a commercial form of talking machine and to carry upon its upper face the record tablet support and such parts as coact therewith.

It is customary with certain types of talking machines to provide large amplifying horns, sometimes three feet or more in length, and to support such horns upon a suitable stand rising from the floor to a sufficient height to sustain the horn, while the talking machine itself is supported upon a table. Such supports are uncertain and clumsy affairs and take up considerable room and are liable to be knocked against or even upset to the injury of the horn and possibly of the machine itself. It has been proposed, also, to provide supports on the machine for horns of moderate size, but when large horns are used, projecting a considerable distance beyond the front of the machine, their weight tends to overbalance the machine and upset the same so that it is in a very unstable condition when the case is resting upon a table with a large horn attached thereto; and, in fact, the use of very large horns is practically out of the question without a separate support therefor distinct from the machine itself. Now, by my invention I am enabled to use an amplifying horn of any size up to the largest, say forty-two inches or more in length. For this purpose I attach to the casing two brackets 2—2 having passages through them for the reception of a stem 3 connected by a yoke 4 to the upper end of a post 5, the lower end of which latter is extended into a broad foot or base 6 having its lower surface flat so as to rest upon a table or other support by which the case or cabinet 1 is placed. The stem 3 and the post or standard 5 are parallel but spaced apart so that the standard 5 may be moved with relation to the case 1 through an arc of which the longitudinal axis of the stem 3 is the center. One of the brackets 2, say the upper bracket, is tapped for the reception of a thumb-screw 7 by which the stem 3 may be clamped to the bracket in any position desired and the standard 5 be thereby held in fixed relation to the case or cabinet 1.

The upper end of the standard 5 is formed with a longitudinal socket for the reception of the stem 8 of a horn crane 9 of any suitable form that it may be desired to employ. The upper end of the standard 5 around the socket may be formed with an annular boss 10 suitably tapped for the reception of a thumb-screw 11 by means of which the stem 8 of the crane may be clamped and held in any desired position in the standard 5.

By placing the stem 3 into the brackets 2 until the base 6 rests upon the stand sustaining the cabinet 1, the relation of the standard 5 and cabinet 1 may be established and this relation may be maintained as long as desired by means of the thumb-screw 7 which will clamp the stem 3 firmly in position, as before stated. Then by adjusting the stem 8 of the horn crane to a suitable height in the standard 5 and then clamping the stem by the thumb-screw 11, the position of the horn may be fixed. The brackets 2 are secured to the casing at the front, and the extended foot 6 serves to prolong the base of the machine and so render the same far more stable than it would be if the standard were omitted, and by employing a suitably shaped crane a horn of very large size may be readily carried by this standard without materially reducing the stability of the machine.

It will be understood, of course, that the standard 5 with its foot 6 is made of metal, and since the weight of the largest horn used in talking machines is comparatively small the standard 5 with its foot 6 may be of comparatively small size.

I claim:—

1. An amplifying horn support for talking machines comprising a socketed stand or post provided with an extended base or foot and an integral stem spaced from but parallel with the stand or post, and suitable brackets for the stem

arranged for attachment to the case or cabinet of the talking machine, said stand or post being movable about the longitudinal axis of the stem.

2. An amplifying-horn support for talking machines comprising a socketed stem with an extended foot or base and provided with a clamp screw near its upper end, said support also having an offset stem parallel with the body of the support, suitable brackets for the stem arranged to be attached to the case or cabinet of the talking machine, and means for locking said stem against movement in said brackets.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FRANK L. BEDELL.

Witnesses:
H. G. LIKELEY,
DAVID REES.