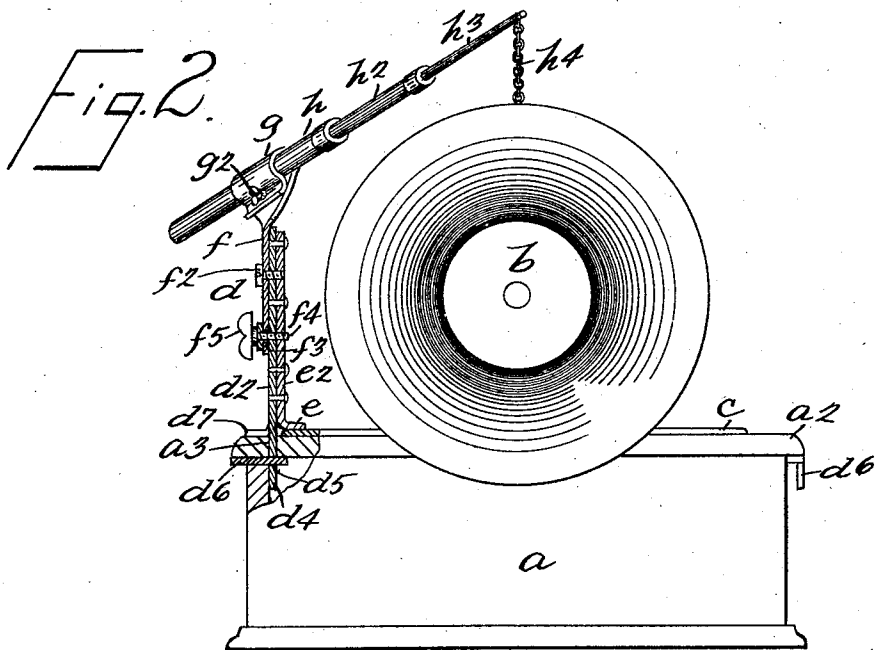
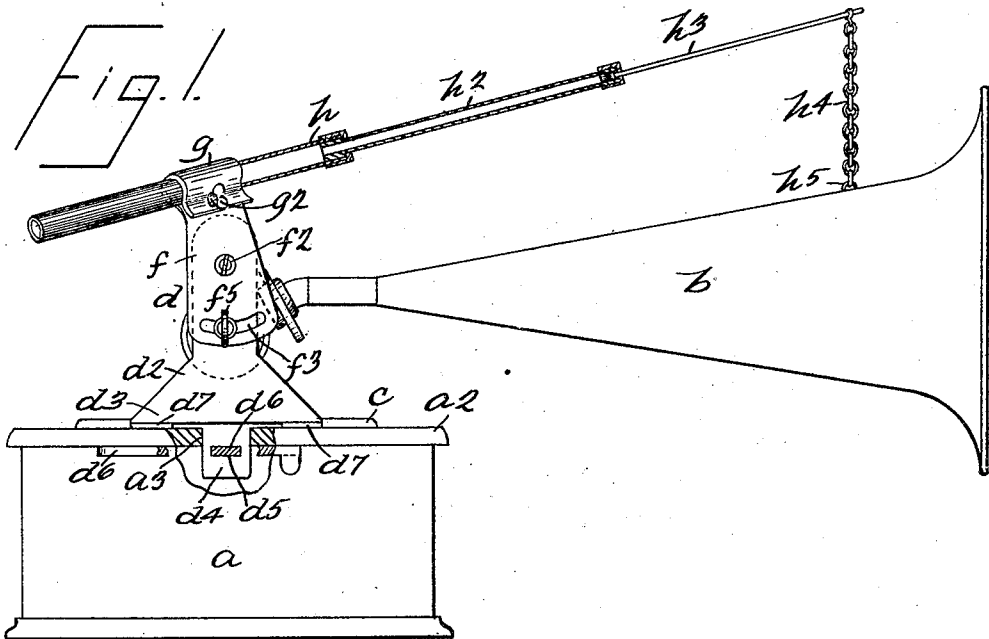


B. MAZANEK.  
 HORN SUPPORT.  
 APPLICATION FILED MAR. 11, 1905.

938,009.

Patented Oct. 26, 1909.



WITNESSES

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# UNITED STATES PATENT OFFICE.

BEDRICH MAZANEK, OF NEW YORK, N. Y., ASSIGNOR, BY MESNE ASSIGNMENTS, TO  
THE TEA TRAY COMPANY OF NEWARK, N. J., A CORPORATION OF NEW JERSEY.

HORN-SUPPORT.

938,009.

Specification of Letters Patent.

Patented Oct. 26, 1909.

Application filed March 11, 1905. Serial No. 249,545.

To all whom it may concern:

Be it known that I, BEDRICH MAZANEK, a citizen of the United States, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Horn-Supports, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to delivery horns of phonographs and similar instruments, and the object thereof is to provide an improved support for horns of this class which may be quickly and easily connected with and detached from the instrument whenever desired, and by means of which the horn will be suitably supported at all times.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which;—

Figure 1 is an end view of a phonograph or similar instrument showing my improvement connected therewith, part of the construction being in section; and, Fig. 2 a front view also partially in section.

In the drawing forming part of this specification I have indicated at  $a$  an ordinary phonograph provided with the usual delivery horn  $b$ . The box of the phonograph is provided with the usual lid  $a^2$  on which the base plate  $c$  of the mechanical part of the instrument is placed, and the lid  $a^2$  is provided at one end with the usual vertically arranged slot or opening  $a^3$  which aids in securing the cover of the instrument in place when desired, said cover which is not shown being provided with a hasp which is inserted through the slot or opening  $a^3$ .

In the practice of my invention, I provide an upright support  $d$ , comprising a base member  $d^2$ , the bottom of which is much wider than the top portion thereof as shown at  $d^3$ , and provided with a downwardly extending tongue or hasp  $d^4$  which passes through the slot or opening  $a^3$  and is provided with a slot or opening  $d^5$  through which is passed a key  $d^6$  which holds the support on the instrument. The key  $d^6$  is the same as that which is used to hold the cover on the instrument when said cover is in use.

The base member  $d^2$  or the bottom portion

$d^3$  thereof is provided with two outwardly directed feet  $d^7$  which rest on the lid  $a^2$  when said support is in position, and said base member is also provided on the inner side thereof with an inwardly directed foot  $e$  which is a little higher than the feet  $d^7$ , and which rests on the plate  $c$ , and said foot  $e$ , in the form of construction shown, is formed on the lower end of a vertical strip or plate  $e^2$  secured to back of the base member  $d^2$ , the object of the strip or plate  $e^2$  being to give strength and rigidity to the base member  $d^2$ , and the object of the feet  $d^7$  and  $e$  being to make the support strong and substantial and hold it in a rigid upright position.

Pivoted to the plate  $d^2$  of the support, and in the form of construction shown on the outer side of said plate, is a vertically arranged supplemental plate  $f$ , this connection being shown at  $f^2$  and being made by an ordinary screw, rivet, or similar device, and the lower end of the supplemental plate  $f$  is provided with a segmental slot  $f^3$  through which passes a screw  $f^4$  provided with a thumb and finger head  $f^5$ , and the supplemental plate  $f$  is free to swing forwardly and backwardly in a horizontal plane, and may be secured in any desired position by the screw  $f^4$ . The upper end of the plate  $f$  is provided with a tubular spring keeper  $g$  which ranges forwardly and backwardly and at a slight transverse angle to a forward and backward line, and said keeper is formed by folding the upper end of the plate  $f$  and passing through the free end thereof and through the corresponding part of said plate a thumb and finger screw  $g^2$ , and mounted in the keeper  $g$  is a telescopic arm  $h$  which may be adjusted into any desired position in said keeper, and which in the form of construction shown, is composed of three members, the outer members being designated by the reference characters  $h^2$  and  $h^3$ , and the outer member  $h^3$  is provided with a chain or other device  $h^4$  which is or may be connected with the horn  $b$  at  $h^5$ .

The telescopic arm  $h$  may be made in any desired manner, and may be composed of any preferred number of parts, and the separate parts thereof may be held in any desired position by any suitable means, and in this way my improvement may be applied for the support of horns of any size or length, and by making the support  $d$  in the

manner described, it may be connected with many phonographs or other instruments of this class without any change whatever in the instruments or the base thereof, as many of these instruments as now made are provided with the slot or opening  $a^3$  in the lid  $a^2$  of the box thereof. It will also be seen that by making the top or supplemental member  $f$  of the support as herein described and pivoting it to the plate  $d^2$  the said top or supplemental member may be swung in a vertical plane and this will raise or lower the outer end of the arm  $h$  according to the direction in which the plate or supplemental member  $f$  is adjusted or moved, and in this way the delivery horn  $b$  may also be raised or lowered as desired.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. The combination with a phonograph box having a lid and a plate thereon, said lid being slotted adjacent the edge of said

plate, of a horn support member overlying the said box, a projection upon said member entering the said slot, opposite feet upon said member at different heights adapted to rest one on the said lid and the other on the plate, and horn supporting means held by said member.

2. In a horn support, the combination with a suitable base-piece, of a top plate pivoted in vertical position to said base-piece by its lower part and having its upper end returned forming a tubular keeper, a clamping screw through said upper part and its returned end, and a horn-supporting arm in said keeper.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 10th day of March 1905.

BEDRICH MAZANEK.

Witnesses:

C. E. MULREANY,  
F. A. STEWART.