

C. BEECROFT.

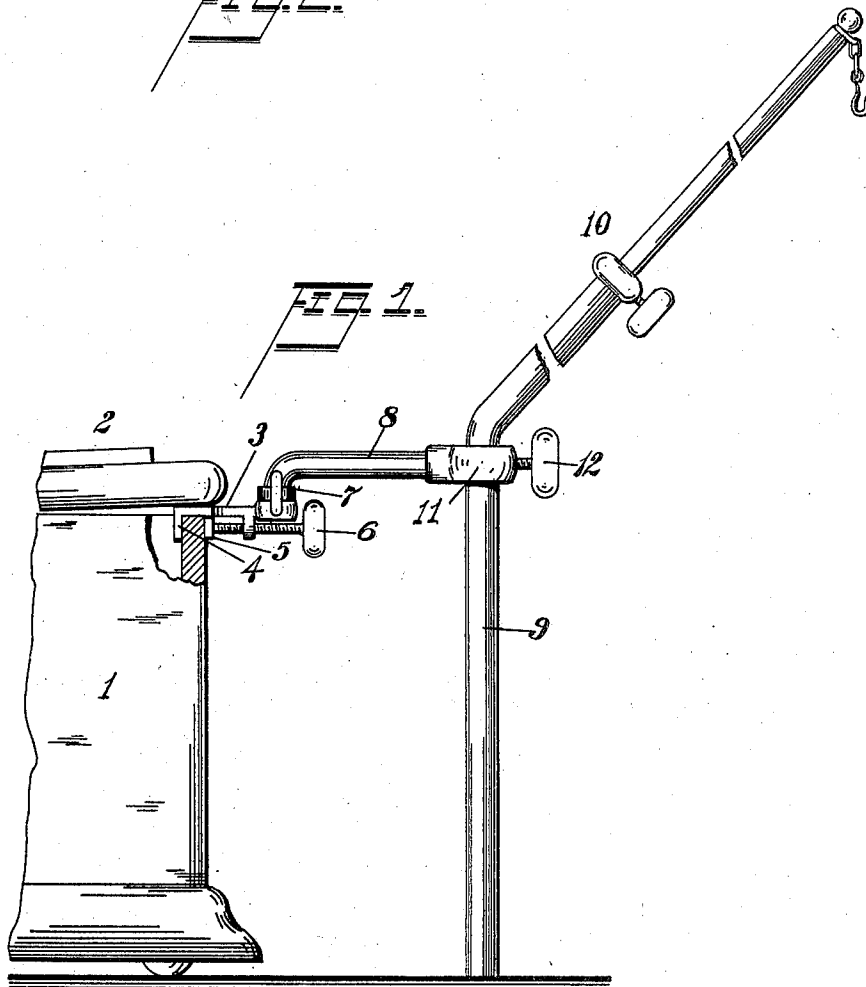
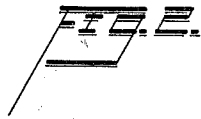
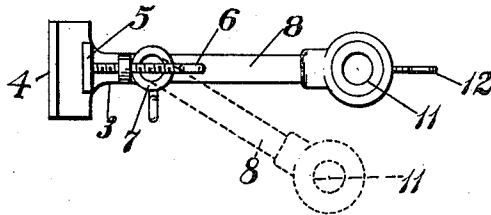
HORN CRANE.

APPLICATION FILED APR. 12, 1907.

984,184.

Patented Feb. 14, 1911.

2 SHEETS—SHEET 1.



WITNESSES

Adolf Hermann Jr.
Ethel B. Reed

INVENTOR

CLEMENT BEECROFT,

BY

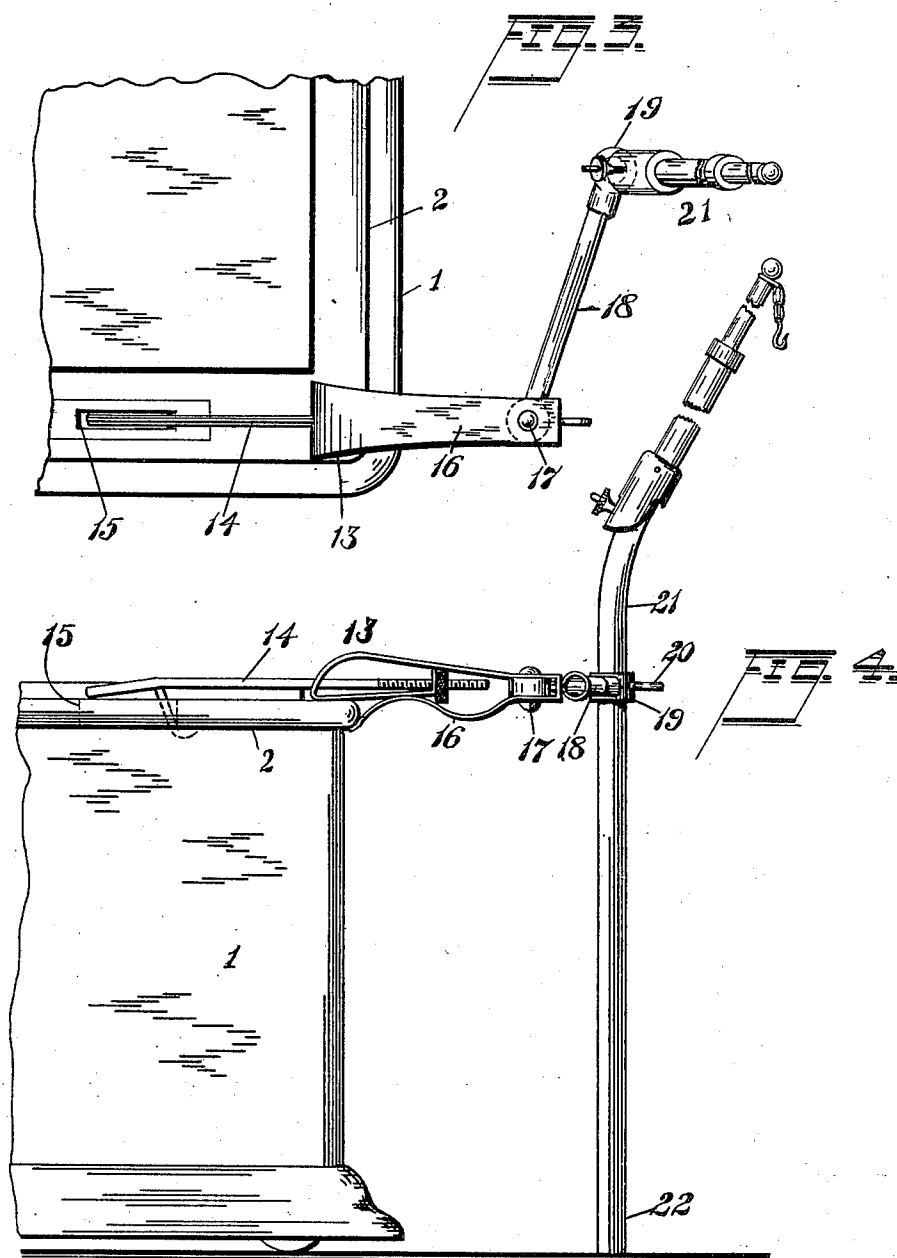
Russell M. Everett,
ATTORNEY.

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2 SHEETS—SHEET 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

CLEMENT BEECROFT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE TEA TRAY COMPANY OF NEWARK, N. J., A CORPORATION OF NEW JERSEY.

HORN-CRANE.

984,184.

Specification of Letters Patent.

Patented Feb. 14, 1911.

Application filed April 12, 1907. Serial No. 367,745.

To all whom it may concern:

Be it known that I, CLEMENT BEECROFT, a citizen of the United States, residing at Philadelphia, in the State of Pennsylvania, have invented certain new and useful Improvements in Horn-Cranes, of which the following is a specification.

The objects of this invention are to secure a horn crane which can be readily adjusted to the most effective position to resist the strain of the horn's weight; to facilitate such adjustment without disengagement of the crane from the machine; to relieve in slot cranes, or cranes which engage the cover holding slot of the top-plates of talking machines, the twisting strain which results from their necessary position at the end of the cabinet; to secure a simple construction, facilitate packing, and to obtain other advantages and results that may be brought out in the following description.

Referring to the accompanying drawings, in which like numerals of reference indicate corresponding parts in each of the several figures, Figure 1 illustrates the broad idea of a crane of my improved construction, applied to a talking machine cabinet, and Fig. 2 is a reverse plan of the attaching portion and hinged arm of such a crane; Fig. 3 is a plan view of a slot crane embodying my invention applied to a talking machine cabinet, and Fig. 4 is an elevation of the same from the end of the cabinet.

In said drawings, 1 indicates a talking machine box of usual construction, having the top-plate 2. A horn crane of my improved construction is shown applied to the talking machine, and in Figs. 1 and 2 the crane comprises a body portion 3, adapted to hook over the top edge of the front wall of the box, as at 4, and having an adjustable member 5, adapted to be clamped against the front wall of the box by a set screw 6, as is common. To the forward or outer end of the said body portion 3 of the crane, is hinged in a substantially vertical socket 7, the down-turned end of an arm 8, which thus projects horizontally forward from the top of the talking machine box. From the end of said arm 8 opposite the end pivoted to the attaching portion 3 of the crane, a foot 9 extends downward to engage the table or other supporting surface on which the talking machine stands and a horn supporting rod 10 extends upward. Preferably

the said rod and foot are formed, as shown, in one integral piece extending through an eye or seat 11 at the outer end of the arm 8, a set-screw 12 serving to maintain a rigid relation between said arm and the rod.

Obviously, by my improved construction the horn supporting rod, having at its lower end the foot 9 to engage the table, can be moved sidewise to stand more in the line of the horn, and thus the attaching portion of the crane is not subjected to so severe a twisting strain as would otherwise result from the weight of the horn.

Particularly is my invention desirable in slot horn cranes, or cranes which engage the cover-holding slot of the talking machine box to effect an attachment to said box, since these cranes are necessarily applied to one extreme end of the talking machine cabinet.

In Figs. 3 and 4 I have shown a crane whose attaching portion 13, comprises one section 14 which hooks into the slot 15, and another section 16 adapted to be adjusted with reference to the first-named section 14, to clamp against the front edge of the cabinet. To the outer end of this body portion 13, is pivoted on a vertical hinge 17, one end of a forwardly projecting arm 18, having at its other end a seat 19 and set screw 20 for the horn supporting rod 21, which forms at its lower end or portion below the arm 18, a foot 22, to engage the table, all as set forth in describing Figs. 1 and 2.

Having thus described the invention, what I claim as new is:

1. In a horn crane, the combination of a body portion, means on said body portion for clamping it to a talking machine in fixed relation thereto, an arm, means hinging said arm to said body portion independent of said clamping means, a foot extending downward from a point of said arm at a distance from the point of its said hinging to the body portion and adapted to engage the supporting surface upon which the talking-machine stands, and horn supporting means.

2. In a horn crane, the combination of a body portion, means on said body portion for securing it to the top plate of a talking-machine in fixed relation thereto, an arm, means hinging said arm to said body portion independent of said means for securing the body portion to the top plate, a foot

extending downward from a point of said arm at a distance from the point of its said hinging to the body portion and adapted to engage the supporting surface upon which the talking-machine stands, and horn-supporting means.

3. In a horn crane, the combination of a body portion, means adapted to overlie the top-plate of a talking machine and enter the cover-holding slot thereof to attach said body portion to the talking machine, an arm, means hinging said arm to said body por-

tion independent of said attaching means, a foot extending downward from a point of said arm at a distance from the point of its said hinging to the body portion and adapted to engage the supporting surface upon which the talking-machine stands, and horn supporting means.

CLEMENT BEECROFT.

In the presence of—

FREDERICK GERMANN, Jr.,

ETHEL B. REED.