

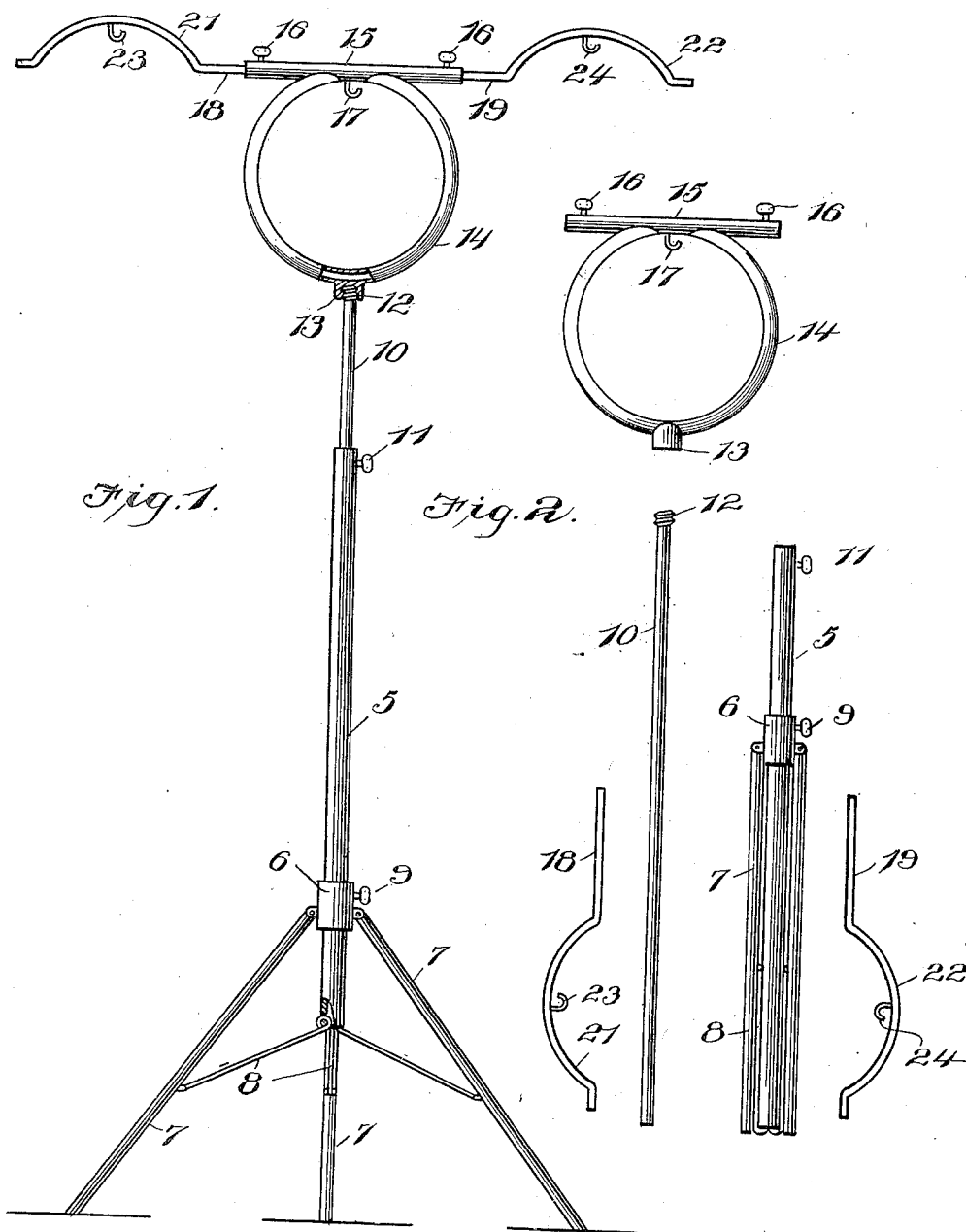
No. 706,176.

Patented Aug. 5, 1902.

F. C. HASSETT.
HORN STAND.

(Application filed Dec. 31, 1901.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

FRANK C. HASSETT, OF KELSOE, WASHINGTON.

HORN-STAND.

SPECIFICATION forming part of Letters Patent No. 706,176, dated August 5, 1902.

Application filed December 31, 1901. Serial No. 87,935. (No model.)

To all whom it may concern:

Be it known that I, FRANK C. HASSETT, a citizen of the United States, residing at Kelsoe, in the county of Cowlitz, State of Washington, have invented certain new and useful Improvements in Horn-Stands; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to horn-stands, and more particularly to the class of folding stands used for supporting the horns for phonographs and similar instruments, the object of the invention being to provide a simple, cheap, and durable device of this nature which will support a plurality of horns simultaneously in position for connection with a single instrument, a further object of the invention being to provide a construction which will fold into small compass.

Other objects and advantages of the invention will be understood from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in both views, Figure 1 is an elevation showing the complete stand set up, portions thereof being shown in section to illustrate the connections of the parts. Fig. 2 is a plan view showing the parts in disjointed condition and the feet of the main stem folded.

Referring now to the drawings, there is shown a stand comprising the main stem 5, which is of tubular form and upon which is slidably disposed a collar 6, to which are pivoted the upper ends of legs 7, having pivoted thereto the braces 8, which are pivoted in turn to the lower end of the stem, so that as the collar is reciprocated upon the stem the legs will be folded against the stem or unfolded to project at angles thereto. The collar is provided with a set-screw 9 to hold it at different points of its adjustment.

In the upper end of the stem 5 is slidably disposed a rod 10, which is held at different points of its adjustment by the set-screw 11, engaged with the stem, and the upper end of this rod is threaded and is engaged in the threaded socket 12 in the lug 13 upon the ring 14. At the upper side of the ring 14 is

secured the transverse tube 15, which is adapted to lie horizontal when the ring is engaged with the upper end of the rod, and the ends of the tube project beyond the sides of the ring and are provided with set-screws 16. A hook 17 depends from the tube 15 within the inclosure of the ring for engagement with a ring upon the horn, which latter is passed through the ring.

To support additional horns, two arms 18 and 19 are provided, each consisting of an inner straight portion for engagement with the ends of the tube 15, the arms being adjustable inwardly and outwardly of the tubes and being held at different points of their adjustments by set-screws 16, engaged with the tube and adapted to impinge the arms. The outer end portions of the arms are bent into arc shape, as shown at 21 and 22, and from the central portions of these arcs, which are curved upwardly, depend the hooks 23 and 24 for engagement with rings upon additional horns. With this construction it will be seen that a number of horns may be supported from the same stand and that the outer horns may be adjusted with respect to the inner or central horn; also that the several members of the stand may be disjointed or folded readily to occupy small space when not in use and may be as easily set up.

In practice modifications of the specific construction shown may be made and any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

What is claimed is—

1. A horn-stand comprising a stem including extensible members, a ring removably engaged with the upper member of the stem, and arms removably and adjustably engaged with the ring, said ring and arms having horn-attaching means.

2. A horn-stand comprising a stem having a ring at its upper end having sockets, arms adjustably engaged with the sockets and means for holding the arms in their adjusted positions, said arms and ring having horn-attaching means.

3. A horn-stand comprising a stem having a threaded upper end, a ring removably engaged with the threads of the stem and having sockets at the upper portion thereof, arms

having their inner ends adjustably engaged
in the sockets and having upwardly-sprung
arcuate outer ends, and means for holding
the arms at different points of their adjust-
5 ment, said arms and ring having horn-attach-
ing means at the upper portions of their cur-
vatures.

In testimony whereof I affix my signature
in presence of two witnesses.

FRANK C. HASSETT.

Witnesses:

CHARLES HALL,
J. W. HALL.