Aug. 7, 1923. 1,464,279

C. T. HINDLEY

MUSICAL INSTRUMENT SUPPORT

Filed Dec. 20, 1921

Fig. 1.

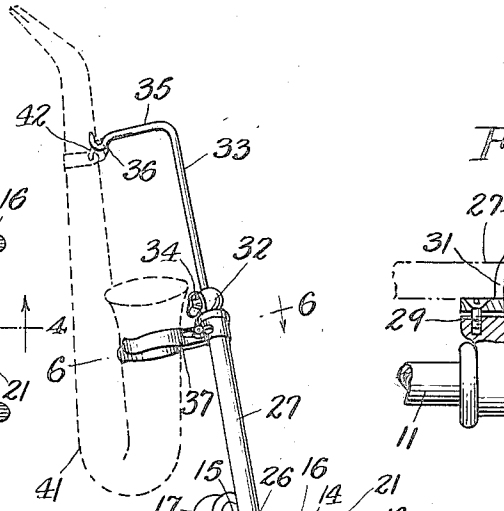


Fig. 3.

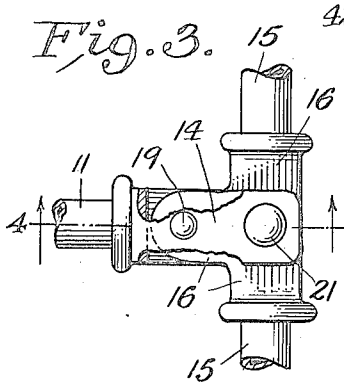


Fig. 5.

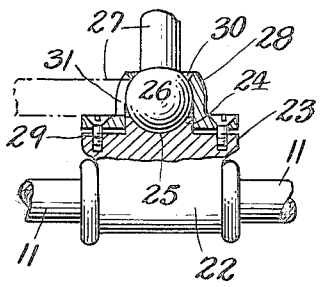


Fig. 4.

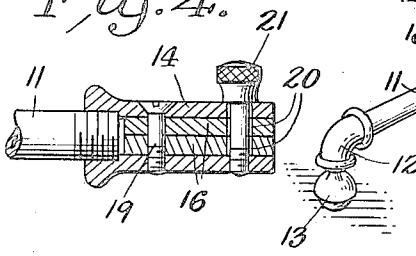


Fig. 6.

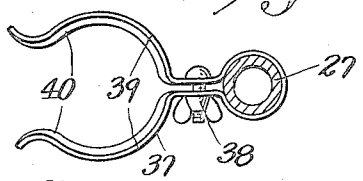
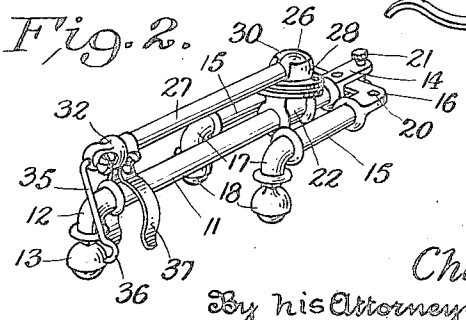


Fig. 2.



Inventor

Charles T. Hindley

By his Attorneys

Edgar Tate & Co

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UNITED STATES PATENT OFFICE.

CHARLES T. HINDLEY, OF NEW YORK, N. Y.

MUSICAL-INSTRUMENT SUPPORT.

Application filed December 20, 1921. Serial No. 523,607.

To all whom it may concern:

Be it known that I, CHARLES T. HINDLEY, 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 Musical-Instrument 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 support or holding devices for musical instruments of various kinds and classes, and particularly to pipe instruments, as for example, saxophones, and the object of the invention is to provide a support or holder of this class with means for adjustably supporting an instrument in connection therewith and for moving said instrument into position to facilitate the playing thereof or operation thereof by a musician whereby the musician is relieved of the laborious work in holding and supporting such instrument in the operation of playing the same; a further object being to provide a support or holder of the class specified which is composed of a plurality of movably and adjustably connected parts whereby a complete device may be extended and adjusted into an operative position and held in such position, and may be collapsed into a folded position for carrying about or for shipment and other purposes; and with these and other objects in view the invention consists in a device of the class and for the purpose specified which is simple in construction and operation and efficient in use, and which is constructed as hereinafter described and claimed.

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:—

Fig. 1 is a perspective view of my improved support and holding device in an extended or operative position and diagrammatically illustrating the method of its use;

Fig. 2 a perspective view of the device in a folded or collapsed position;

Fig. 3 a plan view of part of the construction on an enlarged scale and with parts broken away and in section;

Fig. 4 a section on the line 4—4 of Fig. 3;

Fig. 5 a sectional detail view of a universal mounting of the standard of the support; and,

Fig. 6 a partial section on the line 6—6 of Fig. 1 on an enlarged scale.

In Figs. 1 and 2 of the drawing I have shown my improved device which comprises a base frame 10 of approximately T-shaped formation when extended or composed of an elongated rod or pipe 11 provided at one end with a downwardly directed elbow coupling 12 having a ball casting 13 and at the other end with a yoke-shaped head 14 in connection with which are pivoted laterally directed arms 15 having L-shaped adjoining ends 16 and the free ends of said arms provided with downwardly directed elbow-couplings 11 having ball casters 18.

The L-shaped ends 16 of the arms 15 are pivoted to the yoke-shaped end 14 by means of a pivot pin 19, and said L-shaped ends 16 are each provided with apertures 20 through which a pin 21 is adapted to pass for securely holding the arms 15 in an extended position as shown in Figs. 1, 3 and 4 of the drawing. The pin 21 is mounted in the yoke-shaped end 14.

The elongated rod or pipe 11 is provided adjacent to the end thereof having the yoke 14 with a coupling block 22 which extends upwardly and is provided with a disk-shaped head 23 having a central projection 24 provided with an arc-shaped or semi-circular recess 25 forming a seat for the balled end 26 of a tubular standard 27, said standard or the ball end 26 thereof being held upon the coupling by a cap 28 secured to the circular head 23 by screws or the like 29, and the cap 28 is provided in the top thereof with a comparatively large aperture 30 and at one side thereof with a cut-out or apertured portion 31, said cut-out portion being in line with the rod or pipe 11, as clearly shown in Figs. 1 and 2 of the drawing. By adjusting the screws 29 the tension or frictional engagement of the cap 28 on the ball end 26 of the standard 27 may be regulated so that the standard may be moved or adjusted under force to predetermined positions and will remain in such positions.

The standard 27 is provided at its upper end with a head 32 through which a rod 33 passes, said rod being adjustable vertically in the tubular standard 27 and being secured in different positions of adjustment by a thumb set screw 34 in the head 32. The rod

33 is offset at right angles at the end portion thereof as shown at 35 and provided with a hook end 36. A spring clamp 37 is adjustably mounted on the standard 27 and is held in different positions of adjustment by a screw and winged nut construction 38 as clearly shown in Fig. 6 of the drawing, said clamp being provided with outwardly directed curved spring members 39 provided with felt facings 40.

The use of my improved instrument support or holding device will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement. The support is normally in the position shown in Fig. 2 when not in use or when carried about, or when it is desired to ship the same from place to place, and in setting the device up for use the pin 21 is removed and the arms 15 extended into the position shown in Fig. 1, after which the pin 21 is replaced and passed through the apertures 20 in the L-shaped ends 16 of the arms 15 to securely hold and retain the arms in their extended positions, after which the standard 27 is raised and adjusted preferably at right angles to the rod or pipe 11 at an inclination to the vertical line as indicated in Fig. 1, and the rod 33 of said standard adjusted and secured in the position of adjustment by the thumb screw 34 and the clamp 37 is also adjusted on the standard 27 so as to receive and support a predetermined portion of a saxophone 41 indicated in dotted lines in Fig. 1, and a chain, loop or the like 42 on the saxophone adjacent to the mouth end thereof is passed over the hooked end 36 of the rod 33 so as to support the upper end portion of the saxophone and a musician may then sit in juxtaposition to the support and holding device with the mouth end of the saxophone in a convenient position relative to the mouth of the operator to facilitate the operation or playing of the instrument, and my improved device will eliminate the necessity of the operator holding or supporting the instrument while playing the same.

It has heretofore been the custom to provide straps which are passed around the neck of the wearer and are engaged with the chains or eyes 42 of the instrument for supporting the same while the musician is playing such instrument, this method of suspending the instrument does not entirely support the weight thereof as it is necessary for the operator to hold the same or the greater portion thereof away from his or her body while playing, or operating the instrument, and as instruments of this class are of considerable weight it is a very tiresome procedure. By using one of my improved supporting devices, however, the operator or musician is taxed in no way in the support of such instrument. It will be understood that while I have shown a specific use of my improved device, that I am not necessarily limited to this use nor am I necessarily limited to the specific construction of the support herein shown and described, and various changes therein and modifications thereof may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

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

1. A device of the class described comprising a base composed of a longitudinal member having arms pivotally mounted in connection with one end thereof and adapted to be folded into parallel position with said member and to be extended laterally at right angles thereto, means for holding said arms in their extended positions, said arms and member being mounted on suitable casters, a coupling block on said member, a standard movably mounted in connection with said coupling block and frictionally held in different positions of adjustment, said standard being provided with a telescoping rod, means for holding said rod in different positions of adjustment, and means on said rod and standard for supporting an instrument in connection therewith.

2. A device of the class described comprising a base frame composed of a rod and cross rod, a standard movably mounted in connection with the rod of the base frame, said rod and cross rod being provided with legs having casters, and said cross rod being composed of separate parts movably mounted in connection with said first named rod and adapted to be moved into positions parallel with said rod.

3. A device of the class described comprising a base frame composed of a rod and cross rod, a standard movably mounted in connection with the rod of the base frame, said rod and cross rod being provided with legs having casters, said cross rod being composed of separate parts movably mounted in connection with said first named rod and adapted to be moved into position parallel with said rod, and means for holding the separate parts of said cross rod in an extended position.

4. A device of the class described comprising a base frame composed of a rod and cross rod, a standard movably mounted in connection with the rod of the base frame, said rod and cross rod being provided with legs having casters, said cross rod being composed of separate parts movably mounted in connection with said first named rod and adapted to be moved into positions parallel with said rod, means for holding the separate parts of said cross rod in an ex-

tended position, and a clamp adjustably mounted on said standard, said standard being composed of telescoping parts one of which is provided with a hook-shaped end.

5. A device of the class described comprising a base frame composed of a rod and cross rod, a standard movably mounted in connection with the rod of the base frame, said rod and cross rod being provided with legs having casters, said cross rod being composed of separate parts movably mounted in connection with said first named rod and adapted to be moved into positions parallel with said rod, means for holding the separate parts of said cross rod in an extended position, a clamp adjustably mounted on said standard, said standard being composed of telescoping parts one of which is provided with a hook-shaped end, and the movable mounting of said standard in connection with said rod being such as to permit of the movement of said standard into parallel position with said rod.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this seventeenth day of December 1921.

CHARLES T. HINDLEY.

Witnesses:
ROBT. C. JONES,
HOWARD BOHR.