(No Model.) 2 Sheets—Sheet 1.

G. HATCH.

INSTRUMENT HOLDER.

No. 398,508. Patented Feb. 26, 1889.

Fig. 1

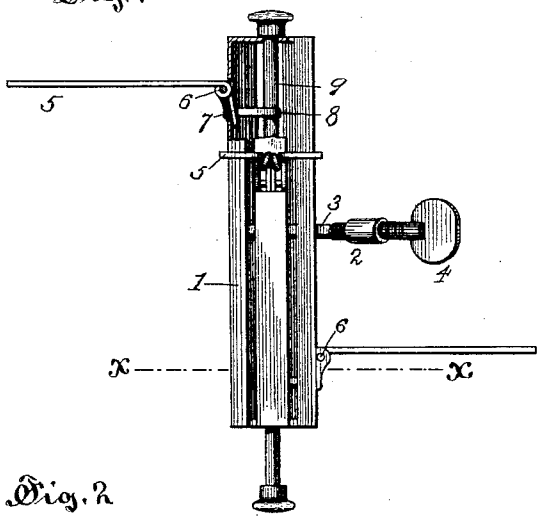


Fig. 3

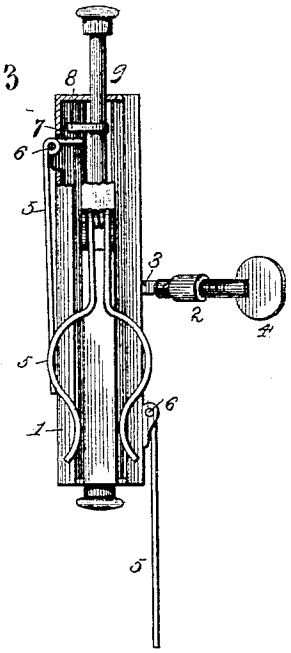


Fig. 2

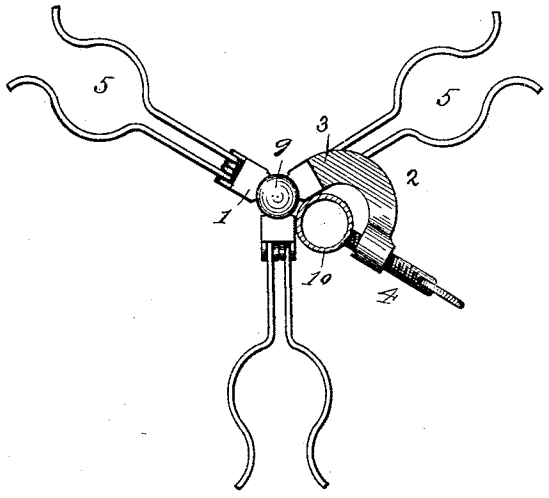
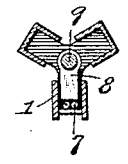


Fig. 4



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Harry P. Williams,

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(No Model.) 2 Sheets—Sheet 2.

G. HATCH.

INSTRUMENT HOLDER.

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Fig. 6

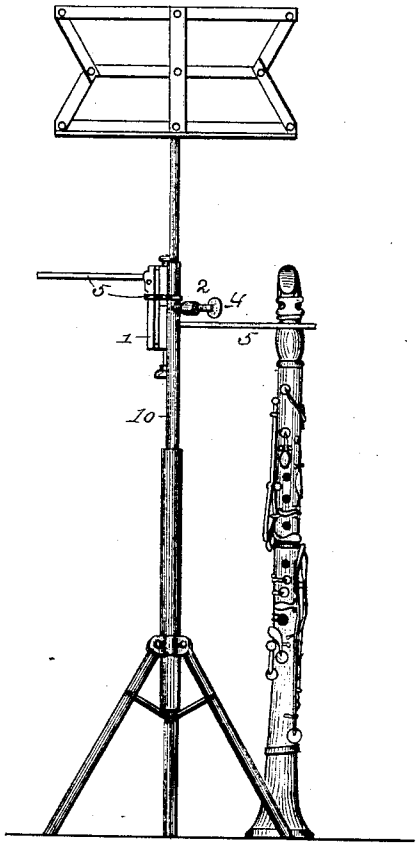


Fig. 7

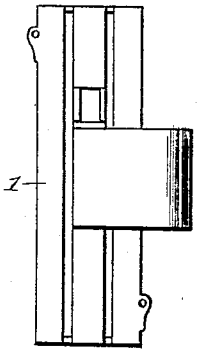


Fig. 8

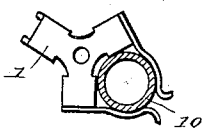
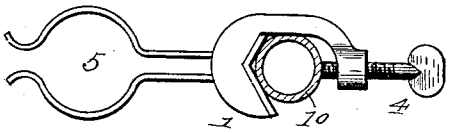


Fig. 5



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UNITED STATES PATENT OFFICE.

GEORGE HATCH, OF SOUTH WINDHAM, CONNECTICUT.

INSTRUMENT-HOLDER.

SPECIFICATION forming part of Letters Patent No. 398,508, dated February 26, 1889.

Application filed July 21, 1888. Serial No. 280,656. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HATCH, of South Windham, in the county of Windham and State of Connecticut, have invented certain new and useful Improvements in Instrument-Holders, of which the following is a specification.

My invention relates to the class of holders that are temporarily attached to objects to support musical instruments, such as clarionets, flutes, and violins.

The object of the invention is to provide a holder for such instruments that can be attached to the standard of a music-stand, in order that musical instruments may be stood up around a player, which holder shall be capable of being put into a small space, so that it can be conveniently transported, and a further object is to provide such a holder that can be opened and locked open by the movement of a sliding bolt, and that can be quickly attached to the standard of a music-stand.

Referring to the accompanying drawings, Figure 1 is a side view of the holder, part being broken away to show the construction. Fig. 2 is a plan view of the same. Fig. 3 is a side view of the arms closed. Fig. 4 is a view in cross-section on the plane denoted by broken line X X of Fig. 1. Fig. 5 is a plan view of the holder showing the form of body preferred when only one pair of spring-arms is used. Fig. 6 is a view illustrating the manner in which the holder is used. Fig. 7 is a side view of the body with an equivalent form of clamp. Fig. 8 is a plan view of the same.

In the drawings, 1 denotes the metallic body or shell, to about the middle of which is secured the clamp 2. The preferred form of this clamp consists of the curved arm 3, with a thumb-screw, 4, borne in a threaded socket in the end of it, so that the standard 10 of a stand can be clamped between the end of the screw and the body. However, instead of making the clamp of one curved arm bearing a screw, two curved arms somewhat elastic may be used to clasp the standard of a music-stand and hold the device at the desired level.

5 denotes spring-arms, which are preferably formed of wire and pivoted to the body at different points along its length. The inner ends of these arms are wound around a pivot, 6, and the end 7 projects at right angles to form a stop that projects into the path of the lugs 8, attached to the bolt 9, which has a longitudinal reciprocation through the body. When the bolt is pushed downward, the lugs 8 strike the ends 7 and open the arms outward, and hold them rigidly in that position by binding the ends 7 between the ends of the lugs 8 and the inner wall of the body or shell. When the bolt and lugs are pushed upward, the ends are freed, and the arms 5 close against the body by gravity and occupy but a small space. If it is desired, the bolt can be omitted, and by turning the device end for end the arms will fall outward by gravity when the holder is attached to a stand, the stops 7 striking the inner wall of the body, as before, to prevent the arms from opening too far.

The holder is more especially intended for use by clarionet-players, who, when playing, usually have several instruments of different pitch. These they stand around them within easy reach, and when the key changes a different instrument is picked up and used. These instruments thus standing around are often knocked over by the foot or otherwise and a reed broken, which of course renders the instrument useless.

My device is intended to be attached to the standard of a music-stand at the proper height for the spring-arms to grasp and hold the neck of the instruments and prevent accidents arising from the knocking over of the instruments by preventing their falling, the arms being attached to the body at different heights to provide for the various sizes of the different instruments. Flutes may of course be supported in a similar manner; also violins may be held when not in use by the spring-arms.

I claim as my invention—

1. As a new article of manufacture, an instrument-holder consisting of a body, a clamp attached to the body, and the spring grasping-arms projecting from the body, substantially as described.

2. As a new article of manufacture, an instrument-holder consisting of the body, a

clamp attached to the body, and the spring grasping-arms pivoted to the body, substantially as described.

3. As a new article of manufacture, an instrument-holder consisting of a body, a clamp attached to the body, spring-arms pivoted to the body, the inner ends of the said arms projecting into the body, a sliding bolt borne by the body, and locking-lugs attached to the bolt and adapted to strike the inner ends of the spring grasping-arms, substantially as described.

4. In combination, in the within-described instrument-holder, a body, 1, bearing a sliding bolt, 9, having lugs 8, spring-arms 2, pivoted to the body, with their inner end projecting into the path of the lugs 8, and the clamp 2, substantially as described.

GEORGE HATCH.

Witnesses:
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DANIEL H. MURPHY.