

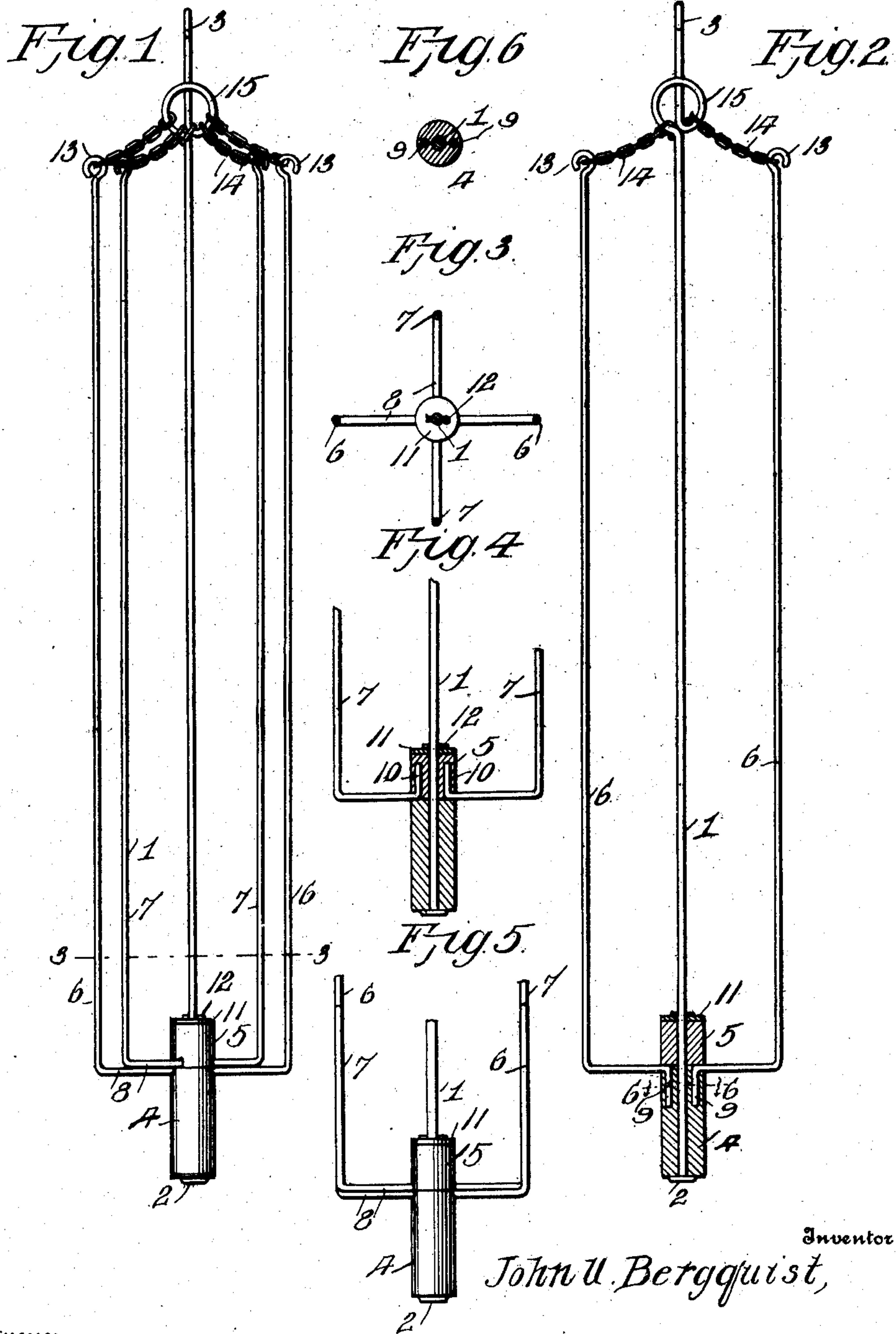
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J. U. BERGQUIST.

VAMP HOLDER.

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# UNITED STATES PATENT OFFICE.

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## VAMP-HOLDER.

No. 865,228.

Specification of Letters Patent.

Patented Sept. 3, 1907.

Application filed April 17, 1907. Serial No. 368,720.

*To all whom it may concern:*

Be it known that I, JOHN U. BERGQUIST, a citizen of the United States, residing at Manchester, in the county of Hillsboro and State of New Hampshire, have invented new and useful Improvements in Vamp-Holders, of which the following is a specification.

This invention relates to a vamp holder designed for use in shoe factories for holding the vamps or uppers of the shoes of a case in a convenient and orderly manner and preventing them from becoming mixed with other cases, the cases consisting of from forty-eight pairs of vamps to one pair, according to the customers' orders.

It is the usual custom to arrange the vamps on holders in the stitching room from which they are carried to the room where the lasting operation is carried on, the holders being thrown on the floor in more or less careless manner or hung on a suitable rack. Since the holders are subject to rough usage, they become bent out of shape so that they are difficult to use again, and furthermore they often become broken.

The present invention has for one of its objects to overcome the objections above mentioned by providing a vamp holder of simple and substantial construction and arranged so as to readily fold up when they are thrown on the floor, thereby making it impossible for them to become bent or broken by the racks being wheeled over them or by being pressed between two adjacent racks on which the vamps are hung.

A further object of the invention is to improve and simplify the construction and operation of devices of the character referred to so as to be comparatively easy and inexpensive to manufacture and thoroughly reliable and convenient in use.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one of the embodiments of the invention, Figure 1 is a front elevation of a vamp holder. Fig. 2 is a longitudinal section thereof. Fig. 3 is a transverse section on line 3—3, Fig. 1. Fig. 4 is a central vertical section of the lower portion of the holder taken at right angles to the section shown in Fig. 2. Fig. 5 is a side elevation of the lower portion of the holder showing the arms thereof folded. Fig. 6 is a transverse section on line 6—6, Fig. 2.

Similar reference characters are employed to designate corresponding parts throughout the several views.

Referring to the drawing, 1 designates the center rod or wire which may be of any suitable length and gage, the lower end being formed into a head or enlargement 2, while the upper end is bent into a suspension ring 3.

Resting on the enlargement 2 is a rotatable head 4 and bearing on the latter is a second rotatable head 5. In

the heads 4 and 5 are anchored sets of arms 6 and 7. The arms are disposed parallel with their lower ends bent regularly inwardly, as indicated at 8, the extremities of the arms 6 being bent downwardly to engage in apertures 9 of the head 4, as shown in Fig. 2, and the extremities of the arms 7 being bent upwardly to enter apertures 10 in the head 5, as shown in Fig. 4. The heads are held in contact by a washer 11 and the pin 12 extending through the central rod 1 to serve as a key for locking the parts in position. The upper ends of the arms are formed into eyes or hooks 13 and from each extends a flexible element such as a chain 14 having its inner end anchored to a ring 15 formed by bending a portion of the central rod 7 to the shapes shown. These flexible elements will permit the two sets of arms 2 to fold flat against each other when any pressure is applied to the holder, so that the arms will not become bent, as for instance, when the emptied holder is thrown on the floor and strapped on, or a rack run thereover.

In practice, the vamps are placed in an orderly manner on the arms 6 and 7, and in order to do this, the chains or flexible elements 14 may be unhooked from the hooks 13. After the desired number of vamps are placed on the arms, the latter can be hooked to the chains and the holder will securely retain the vamps in position. The vamps can be readily removed when they are required to be lasted and the empty holders can be disposed of in the usual manner without suffering any damage from the rough usage to which they are ordinarily subjected.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the apparatus which I now consider to be the best embodiment thereof, I desire to have it understood that the apparatus shown is merely illustrative and that such changes may be made when desired, as are within the scope of the claims.

Having thus described the invention, what I claim is:—

1. A vamp-holding device comprising a central member, rotatable heads having contacting ends thereon, parallel arms arranged on the heads and anchored in the contacting ends, and flexible elements between the free ends of the arms and central member.

2. In a vamp-holding device, the combination of a central member having a ring, rotatable heads thereon, wire arms having corresponding ends bent inwardly and anchored in the heads, hooks at the opposite ends of the arms, and flexible elements connected with the hooks and the ring of the central member.

3. The combination of a supporting member, sets of arms extending along the member and having their ends bent inwardly and longitudinally, a head for each set of

arms and provided with apertures for receiving the longitudinal extremities of the arms, means for rotatably mounting the heads on the central member, a ring formed on the central member, and flexible elements detachably  
5 connecting the ring with the arms.

4. A vamp-holding device comprising a central member having an enlargement, a pair of heads arranged in contact and having openings extending inwardly from the contacting ends, means for preventing longitudinal move-  
10 ment of the heads, a set of resilient arms on each head

having their ends bent to engage in the openings thereof, rings formed on the central member, and flexible elements between one of the rings and the free ends of the arms.

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

JOHN U. BERGQUIST.

Witnesses:

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