SHOE LAST HANGER
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Application May 1, 1950, Serial No. 159,200
4 Claims. (Cl. 91—60)

1. This invention relates to improvements in article holders and is particularly directed to a hanger construction for use in the process of providing a liquid coating on shoe lasts, and then drying the applied coating.

An impervious coating has long been applied to shoe lasts for the purpose of increasing their marketability and protecting them from deterioration during use. This coating has been applied by mounting the lasts to be coated on a hanger, hand dipping the hanger mounted lasts in a bath of varnish type material and thereafter hanging the lasts in an oven until the varnish was completely dry.

It is an object of this invention to provide an improved hanger construction which accommodates a plurality of lasts in a balanced condition for handling during the dipping step and which disposes the said lasts in proper positions when the hanger is engaged over a bar in the drying oven.

Another object of the invention is to provide a means for attaching the lasts to the hanger in such manner as to have the holder in contact with metal last surfaces which are concealed from view, such as the interior walls of the usual jack post grommets for the lasts.

A further object of the invention is to provide a separable last connection for a hanger having the foregoing characteristics that comprises a metal pin, split and expanded at its hanger mounting end and adapted to be forced into frictional engagement with the usual metal lined jack post seat for the last.

Other objects of the invention are to provide, in the manner hereinafter set forth, an improved shoe last hanger which is simple in its construction and arrangement of parts, is strong, durable and thoroughly efficient in use.

With the foregoing, and other objects in view, the hanger will now be described with reference to the accompanying drawing, wherein:

Fig. 1 is a side elevational view of the hanger of this invention shown in operative position within a drying oven.
Fig. 2 is a perspective view of the hanger shown in Fig. 1.
Fig. 3 is an enlarged section taken on line 3—3 of Fig. 2.

With reference to the drawings the numeral 4 indicates my holder which has a pendent arm 5 bent upwardly at its lower end to form a relatively short mounting portion 6 for a crossbar 7. The crossbar is secured at its central portion 8 to the short arm 6 by rivets 9, or the like. As most clearly illustrated in Fig. 1, the included angle between the major portion of the arm and the short arm is substantially 135°, and it will further be noted that both the arm and the crossbar are shown as preferably made from flat, metal stock cut to the desired length.

The upper end of the arm is formed with a downturned hook portion 10, which projects from the arm in a direction opposed to the extension of the short bent portion 6 of the arm. This hook is adapted to engage one of a series of crossbars 11 carried between the spaced conveyor chains 12 in the usual drying oven (Fig. 1).
A pair of posts 13—13 are each mounted upon, and project upwardly from, the crossbar 7 and are disposed at equal distances from its central portion 8 so that an equal number of lasts will be carried on each side of the hanger center to provide a balanced load for ease in handling and hanging the holder. As illustrated in Fig. 3, each post comprises a short length of round metal stock formed with a slit or cut 14 through its base portion 15 to provide a pair of spaced legs 16 which are expanded outwardly at their ends to form an enlarged base 17 for the post which frictionally engages the usual jack post grommet 18 of a shoe last 19. The posts are each preferably mounted on the crossbar by insertion of the base through a suitable hole 20 formed through the crossbar, the lower ends of the legs 16—16 being individually secured to the underside of the bar by welding 21, or the like.

A handle 22 is provided for the arm and is positioned adjacent the hook 10 at the upper portion thereof. This arm may be made from flat strip stock bent upon itself and having outwardly extending flanges 23 which are secured to the upper portion of the pendent arm by rivets 24, or the like. As shown in Figs. 1 and 2, this handle projects from the arm in the direction of the bent portion 6 of the arm, that is, in a direction opposite to that of the hook 10 therefor.

In practice, my holder 4 is held by the handle 22 so that the crossbar 7 rests upon a supporting surface and a plurality of lasts 19 are then loaded on the holder by the operator's remaining hand, the jack post grommets 18 of each last being introduced over and forced down upon each post until a good frictional connection is established between the lasts and the holder. The loaded holder is then held by the handle and the lasts thereon dipped into a bath of varnishlike coating material. After a predetermined time the lasts are removed from the bath and hung by the holder on a dryer in the positions illus-
trated in Fig. 1 until the applied material is completely dry whereupon the lasts are removed from the holder for storage, or shipment.

What is claimed is:

1. A holder for liquid coating shoe lasts comprising a pendant arm having a suspending means on its upper end engageable on a suitable support, said arm being formed with a short lower portion bent upwardly with respect to the major portion of the arm, a crossbar fixed centrally to the lower portion of the arm, and a pair of posts each mounted upon, and projecting upwardly from, the crossbar and disposed equidistant from the central portion of the bar, each post having an enlarged base adapted to frictionally engage the jack post grommet of a last to be supported by the holder.

2. A holder for liquid coating shoe lasts comprising a pendant arm having a short lower portion bent upwardly with respect to the major portion of the arm, a crossbar disposed at right angles to the arm, mounting means for securing the central portion of the bar to the short lower portion of the arm, a downturned suspending hook for the holder formed on the upper end of the arm and projecting therefrom in a direction opposed to the short bent portion of the arm, said hook being engageable over a suitable support, a handle for the arm positioned adjacent its upper end and extending therefrom in the direction of the short bent portion of the arm, a pair of posts mounted upon, and projecting upwardly from the bar and disposed on opposite sides, and at equal distances from the mounting means, and each post having an enlarged base for frictionally engaging the jack post grommet of a last to be supported by the holder.

3. A holder as set forth in claim 2 wherein each last mounting post has a split base portion and formed with depending, diverged legs, the lowermost end of said legs being inserted into holes formed in the crossbar, and means for independently securing each leg to the bar.

4. A holder for liquid coating shoe lasts comprising a normally inclined, pendant arm having a suspending means on its upper end engageable on a suitable support, said arm being formed with a short lower portion bent upwardly with respect to the major portion of the arm so that the included angle between the major portion and short portion is substantially 135°, a flat crossbar fixed centrally to the short portion of the arm, a pair of posts mounted upon the crossbar equidistant from, and on opposite sides of, the central portion, said posts extending upwardly from the bar with their respective axes normal to the plane of the flat bar, and each post having an enlarged base adapted to frictionally engage the jack post grommet of a last to be supported by the post upon the holder.

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