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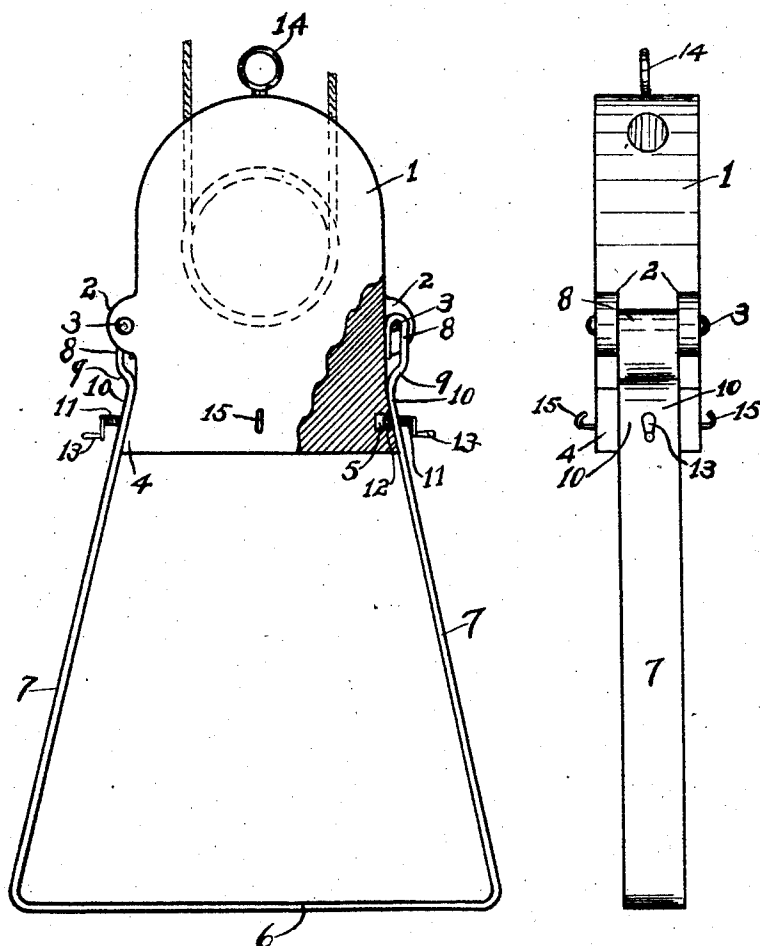
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HANGER FOR SCAFFOLD SUSPENSION

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Fig. 1

Fig. 2



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HANGER FOR SCAFFOLD SUSPENSION.

Application filed April 10, 1924. Serial No. 705,492.

To all whom it may concern:

Be it known that I, CHARLES E. LAWRENCE, a citizen of the United States, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Hangers for Scaffold Suspension, of which the following is a specification.

This invention relates to improvements in stirrup or hanger elements for suspending a scaffold which is commonly employed in various trades while working at an elevation and which is repeatedly shifted to enable the workman to conveniently reach his work.

The primary object of this invention is to provide a substantial hanger element of the type described, which is rigidly attached to a pulley block thereby stabilizing the stage or platform carried by the hangers and which may be readily attached to or detached from the pulley block when desired.

Further objects of this invention are to provide a device of the character described, in a manner as hereinafter set forth, which is simple in its construction and arrangement, strong, durable and efficient in its use, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention hereinafter disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing forming a portion of this specification and wherein like numerals of reference designate corresponding parts throughout the several views:—

Figure 1 is a front elevation, partly in section, of a scaffold hanger in accordance with this invention.

Figure 2 is a side view thereof.

Referring in detail to the drawing 1 denotes a pulley block forming a portion of the tackle employed for hoisting the device to the desired position in the usual manner.

Each side edge of the pulley block 1 is formed with a pair of integrally formed parallelly disposed apertured ears 2 which are spaced from each other and carry a hori-

zontally extending supporting rod 3 fixedly mounted therein. Each lower side edge portion 4, of the pulley block 1 is flared outwardly toward the lower end thereof and each of such flared portions 4 is formed with a horizontal aperture 5 open at its outer end.

The stirrup or hanger member used in connection with my improved device is substantially U-shaped in form and is preferably constructed from metal bar material. The hanger member consists of a horizontal member 6 having each end thereof integrally formed with a vertically disposed arm 7. The arms 7 incline inwardly toward each other, and the upper end of each is bent inwardly to form a hook 8 which engages the rod 3 carried by the ears 2 on respective side edges of the block 1. The hook 8 at the end of each of the arms 7 is off-set, as indicated at 9, thereby positioning the arm portion 10 adjacent thereto on the respective flared side edge portions 4, of the block 1.

A locking bolt 11 is threadably mounted in each of the arm portions 10 in a manner to permit of its engagement in the horizontal aperture 5 formed in the flared side edge portion 4 of the block 1. The inner end of each of the bolts 11 is slightly enlarged to prevent its loss through the accidental removal from the arm 7, and the outer end of each of the bolts 11 is provided with an operating handle 13.

When the bolts 11 are engaged in respective apertures 5 the hooks 8 of the arms 7 cannot be disengaged from the rods 3 and in consequence the stirrup hanger is safely connected with the pulley block 1 and will not shift in any manner except with the latter itself.

It is of course apparent that a pair of hanger elements are employed for suspending the stage or platform each end of which rests on the horizontal member 6 of respective elements.

The pulley block 1 is provided at its upper end with an eyebolt 14 for attaching an end of the hoisting rope, and a suitable hook 15 is fixed in the front and rear of the block 1 for securing the hoisting rope after positioning the device for use.

It will be noted that my improved device may be readily assembled in position for use, and may also be conveniently dis-assembled for the purpose of transportation or storage.

What I claim is:

1. In a device for the purpose set forth, the combination with a pulley block having a supporting rod fixedly mounted on each side edge thereof, a substantially U-shaped hanger member including a pair of vertically disposed inwardly inclined arms, a hook formed at the upper end of each of said arms and engaging said rods for suspending said hanger from said block, the lower side edge portions of said block being flared, said hook being offset to position the inclined upper arm portion on said flared block portion, and a locking bolt carried by each of said arms and engaging said block for preventing the disengagement of said hooks from said rods, substantially as described and for the purpose set forth.
2. In a device for the purpose set forth, the combination with a pulley block having a supporting rod fixedly mounted on each side edge thereof, the lower portions of said side edges flaring outwardly and formed with an aperture open at its outer end, of a substantially U-shaped hanger including a pair of vertically disposed arms inclining inwardly toward the upper ends thereof, a hook formed at the upper end of each of said arms and detachably engaging said supporting rods for suspending said hanger from said block, said hooks being offset to position the upper inclined portions of said arms on said flared side edge of said block, a locking bolt threadably mounted in each of said arms and engaging in the said apertures for preventing the disengagement of said hooks from said supporting rods, and means to prevent the detachment of said locking bolts from said arms, substantially as described and for the purpose set forth.
- In testimony whereof I affix my signature.

CHARLES E. LAWRENCE