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J. R. NIEMEIER
PORTABLE HOD RACK
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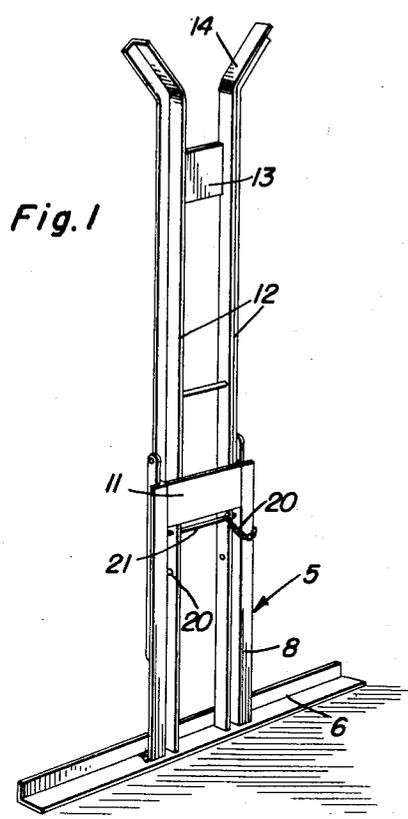


Fig. 1

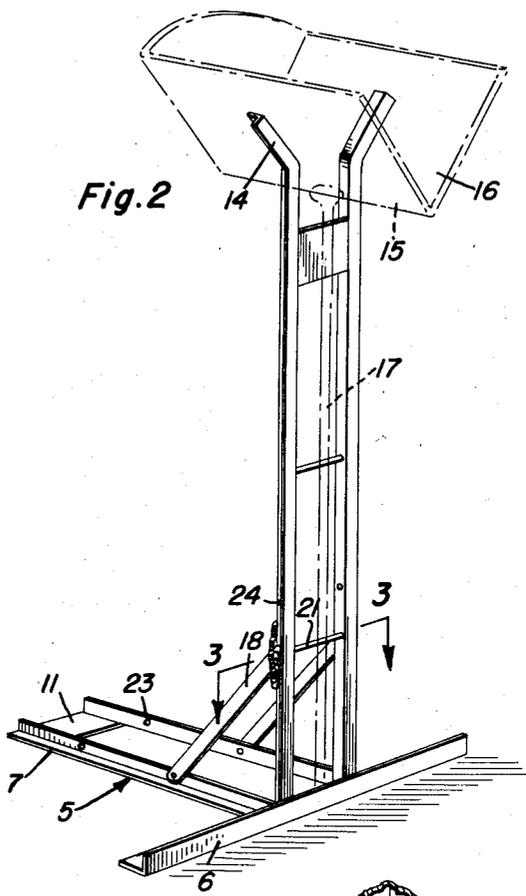


Fig. 2

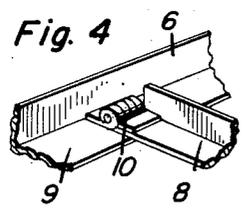


Fig. 4

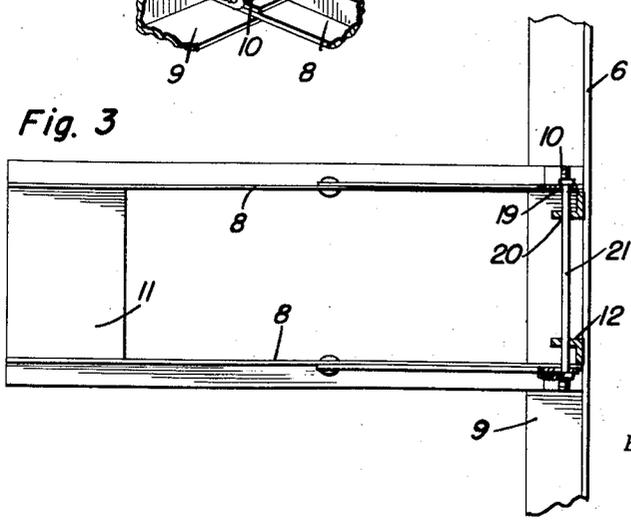


Fig. 3

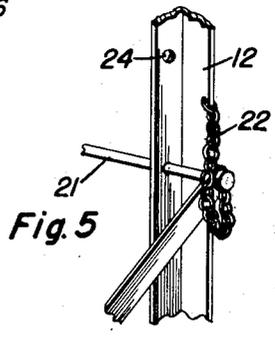


Fig. 5

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PORTABLE HOD RACK

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5 Claims. (Cl. 248—150)

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The present invention relates to new and useful improvements in racks for use by hod carriers to support the hod in an upright position while being loaded.

An important object of the invention is to provide a portable hod rack having a foldable base for convenience in storing or for moving from place to place.

A further object is to provide a rack of this character constructed of metal to withstand hard usage to which such devices are usually subjected and which may also be manufactured at low cost.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view showing the base folded;

Figure 2 is a perspective view showing the base open and in position for supporting a hod;

Figure 3 is an enlarged horizontal sectional view taken on a line 3—3 of Figure 2;

Figure 4 is an enlarged fragmentary perspective view of one of the hinge connections for the foldable base, and

Figure 5 is an enlarged fragmentary perspective view of the locking pin for the foldable base.

Referring now to the drawing in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of my invention, the numeral 5 designates the foldable base of the rack and which is constructed of a stationary part 6 comprising an angle iron bar and a foldable frame 7 composed of a pair of spaced apart angle iron bars 8 connected at one end to the horizontal flange 9 of bar 6 by hinges 10 for vertical raising and lowering movement of the frame. The outer ends of bars 8 are connected to each other by a crossbar 11.

A pair of angle iron uprights 12 are welded at their lower ends to stationary bar 6 and are braced with each other by crossbars 13. The upper ends of uprights 12 are inclined outwardly from each other as shown at 14 to form a seat for resting the V-shaped bottom 15 of a hod 16 thereon and with the handle 17 thereof resting against the crossbars 13 to balance the hod on the rack.

A pair of folding braces 18 are pivoted at one end to bars 8 of frame 7 and are formed with openings 19 at their other ends aligned with lower openings 20 in uprights 12 to receive a locking pin 21 to hold frame 7 in its open horizontal position coplanar with bar 6.

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A loss preventing chain 22 connects locking pin 21 to one of the uprights 12 and bars 8 are also formed with aligned openings 23 adjacent their outer ends to align with upper openings 24 in uprights 12 to also receive the locking pin when the frame is folded upwardly against the uprights to hold the frame in folded position.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A hod rack comprising a pair of spaced, parallel uprights, means rigidly connecting the uprights to each other, said uprights having outwardly inclined upper end portions forming a hod engaging seat at the upper ends of the uprights and a foldable base for the lower ends of the uprights.

2. A hod rack comprising a pair of spaced, parallel uprights, means rigidly connecting the uprights to each other, said uprights having outwardly inclined upper end portions forming a hod engaging seat at the upper ends of the uprights, and a base for the lower ends of the uprights, said base including a stationary part attached to the uprights and a foldable part attached to the stationary part.

3. A hod rack comprising a pair of spaced, parallel uprights, means rigidly connecting the uprights to each other, said uprights having outwardly inclined upper end portions forming a hod engaging seat at the upper ends of the uprights, and a base for the lower ends of the uprights, said base including a bar fixed to the lower ends of the uprights and projecting outwardly at each side thereof, and a frame pivoted to the bar and foldable upwardly against the uprights.

4. A hod rack comprising a pair of spaced, parallel uprights, means rigidly connecting the uprights to each other, said uprights having outwardly inclined upper end portions forming a hod engaging seat at the upper ends of the uprights, and a base for the lower ends of the uprights, said base including a bar fixed to the lower ends of the uprights and projecting out-

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wardly at each side thereof, a frame pivoted to the bar and foldable upwardly against the uprights, and a foldable brace connecting the frame to the uprights.

5. A hod rack comprising a pair of spaced, parallel uprights, means rigidly connecting the uprights to each other, a hod engaging seat at the upper ends of the uprights and a base for the lower ends of the uprights, said base including a bar fixed to the lower ends of the uprights, a frame pivoted to the bar and foldable upwardly against the uprights, a foldable brace connecting the frame to the uprights, and a locking pin selectively attaching the brace and frame to the uprights to lock the frame in either its open or folded position.

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