July 28, 1953 C. H. LOVIK 2,646,957

STAND AND HOLDER FOR JACKS

Filed Feb. 23, 1949

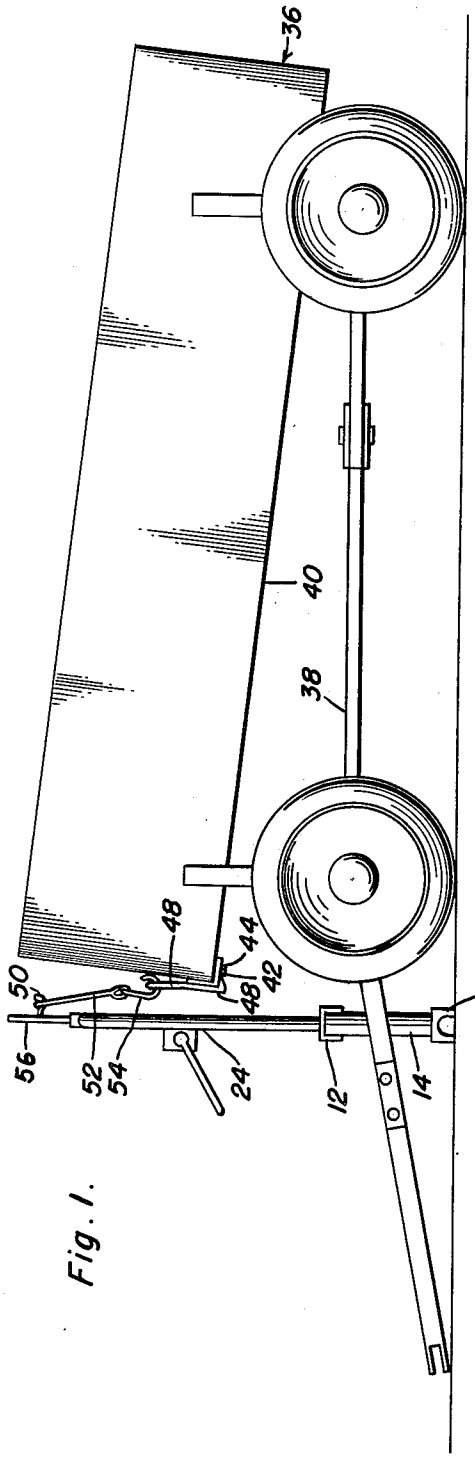


Fig. 1.

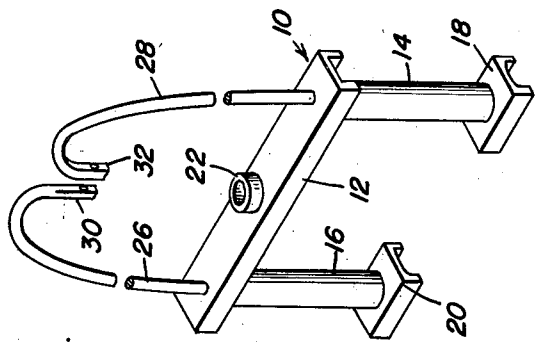


Fig. 3.

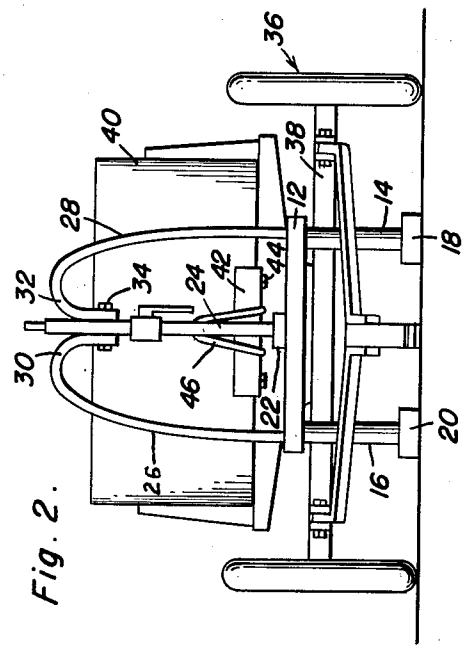


Fig. 2.

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Patented July 28, 1953

2,646,957

UNITED STATES PATENT OFFICE

2,646,957

STAND AND HOLDER FOR JACKS

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Application February 23, 1949, Serial No. 77,923

1 Claim. (Cl. 248—346)

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This invention relates to a hoisting device and more particularly to a stand or holder for a jack and has for its primary object to provide means for retaining a conventional jack in an operative position, whereby the same cai be employed for hoisting various devices and particularly for lifting or hoisting the front end of a wagon or the like for dumping purposes.

Another important object of this invention is to easily and conveniently lift or hoist the dump body of a carrier.

Another important object of this invention is to support and brace a conventional jack.

A meritorious feature of this invention resides in the provision of a supporting stand, upon which a conventional jack is operatively mounted, bracing means being carried by the stand for rigidifying and bracing the jack in an upright operative position.

Another important feature of this invention resides in the provision of means for operatively connecting the pack to the front or liftable end of a wagon or similar vehicle.

These and ancillary objects and other structural features of merit are attained by this invention, a preferred embodiment of which is set forth in the following description and illustrated in the accompanying drawings, wherein:

Figure 1 is a side elevational view of a conventional wagon, illustrating a hoisting device, constructed in accordance with the principles of this invention, in operative association therewith;

Figure 2 is a front elevationtal view thereof, and

Figure 3 is a view in perspective of the supporting stand and holder for a jack.

Referring now to the drawings, this invention generally designated by the character reference 10 includes a supporting platform 12 from which depend parallel tubular supporting legs or standards 14 and 16. Channel-like bases or feet 18 and 20 are provided at the lower extremities of the legs. An annular collar 22 is vertically formed on the platform 12 and is adapted to receive the lower end of a conventional jack 24, the latter being of the screw, ratchet or other conventional type. Bracing members 26 and 28 extend upwardly on the opposing ends of the platform and are formed at their upper ends with arcuately shaped inturned and depending extremities 30 and 32, the latter terminating in parallel apertured ends. Fastening means 34 is adapted for insertion in the perforated end of the bracing members to engage the upper end of the jack 24 and thereby sustain the same in a vertical position.

With respect to Figure 1, it is to be noted that the jack, mounted in the supporting stand and braced thereby is operatively connected to a conventional dumping wagon 36 having a wheeled frame 38 and a tiltable body 40. The jack 24 is connected to the front end of the body, whereby the body is tilted about a horizontal axis and vertically raised into a dumping position so that

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the material carried by the body may be dumped out at the rear end thereof. In this respect, an angle iron 42 is bolted as at 44 or otherwise secured on the lower front end of the body. An attaching bracket is integrally formed or conventionally secured to the horizontal portion of the angle iron. The bracket 46 is substantially V-shaped and terminates in an upwardly and outwardly extending hook member 48. A hook 50 extends laterally from the upper extensible end 56 of the jack and is connected by means of a flexible connecting member 52 and a hook 54 with the bracket hook 48.

It is, of course, conventional for a jack or the like to be used, in lieu of an overhead hoist or elevator, for tilting a dump body into a dumping position. However, considerable difficulty has been experienced in using a jack, since the same is not securely supported on the ground and furthermore is not securely associated or connected with the dump body. Therefore, it is the primary aim and purpose of this invention to obviate such conventional difficulties. In so doing, the supporting stand is provided for supporting and holding in a rigidified operative manner a conventional jack and means is provided for attaching the same to the wagon or dump body.

Of course, since many other uses and changes will become apparent, limitation is only sought in accordance with the appended claim.

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

A jack stand of the character described comprising a base including an inverted horizontal channel bar, tubular supporting legs depending from between the flanges of the end portions of said bar, inverted channel members fixed longitudinally on the lower ends of said legs and constituting feet, a retaining ring for the reception of the lower end portion of a jack, fixed on the channel bar at an intermediate point, and resilient lateral supporting braces for the jack rising from said end portions of said channel bar, said braces terminating in spaced, inwardly and downwardly curved, apertured upper end portions for receiving the jack therebetween and securable thereto.

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