No. 688,238. Patented Dec. 3, 1901.

T. J. DAVIS.

SACK HOLDER.

(Application filed Oct. 28, 1899.)

(No Model.)

Fig. 1.

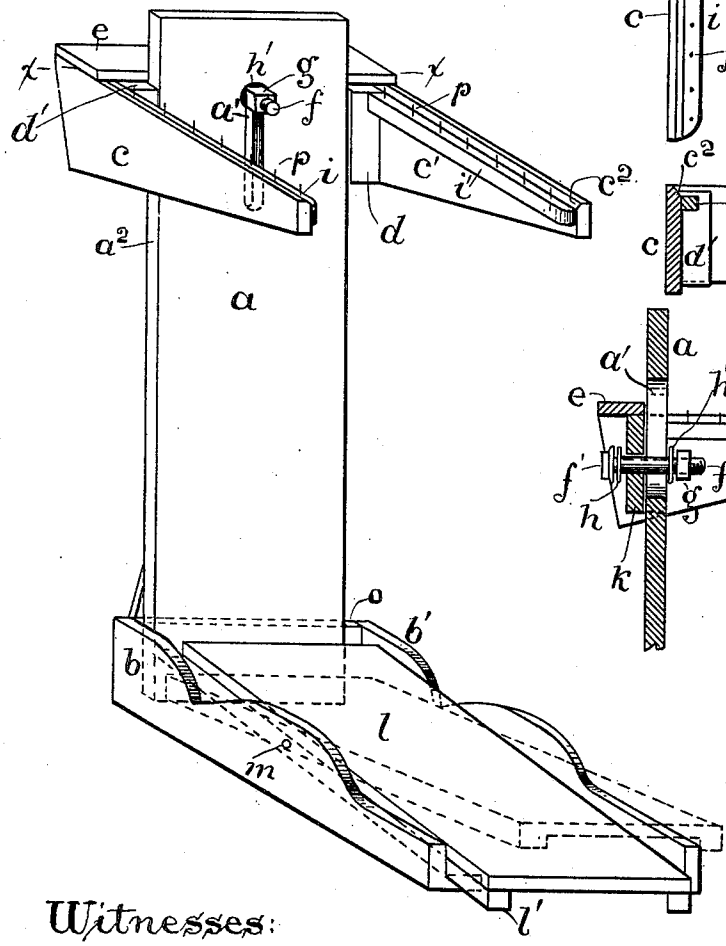


Fig. 2.

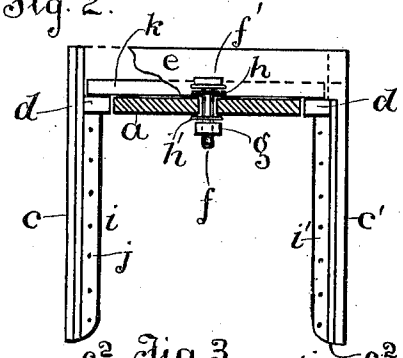


Fig. 3.

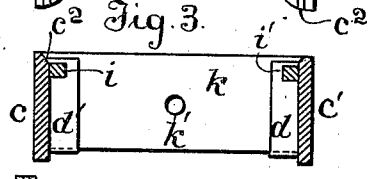
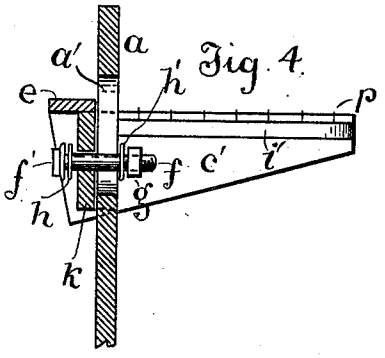


Fig. 4.

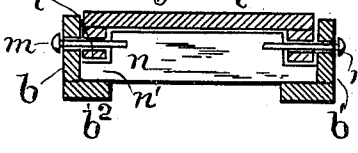


Witnesses:

L. O. Henderson

M. D. Hoyt.

Fig. 5.



Inventor;

Thomas J. Davis

by J. J. Geisler

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

THOMAS JEFFERSON DAVIS, OF PORTLAND, OREGON, ASSIGNOR TO JAMES M. CONRO, OF PORTLAND, OREGON.

SACK-HOLDER.

SPECIFICATION forming part of Letters Patent No. 688,238, dated December 3, 1901.

Application filed October 28, 1899. Serial No. 735,125. (No model.)

To all whom it may concern:

Be it known that I, THOMAS JEFFERSON DAVIS, a citizen of the United States of America, and a resident of Portland, Multnomah county, Oregon, have invented a certain new and useful Improvement in Sack-Holders, of which the following is a specification.

My invention has for its object to obtain a contrivance on which a sack to be filled with products or other things can be hung open ready to receive its contens, the base of the sack to rest on a pivoted platform adapted to operate like a lever, so that by depressing one end of the platform with the foot the other end would lift the sack and disengage the same from its support.

One of the features of my invention is the simplicity of its construction, my sack-holder comprising but few parts, all of which are easily and inexpensively made and put together.

The construction of my invention and the operation thereof are illustrated in the accompanying drawings, hereby referred to as a part of this specification.

In such drawings, Figure 1 is a perspective illustration of my invention. Fig. 2 is a plan section on line $x\,x$. Fig. 3 is a vertical cross-section through the arms $c\,c'$. Fig. 4 is a longitudinal vertical section taken on a line vertically intersecting the slot a', as shown in Fig. 1; and Fig. 5 is a vertical cross-section of the base of my contrivance and the pivoting-platform l therein supported.

The letters designate the parts referred to.

a is a back board or support rigidly mounted on a base consisting of sills $b\,b'$, brace o, and cleats b^2. On the cleats b^2 is transversely mounted a bridge n, the upper corners of which are cut out, so as to leave rectangular recesses. On such bridge is pivotally supported a platform l, having at its base cleats l', the pivoted bearings for such platform consisting of two pins $m\,m'$, extending through the sills $b\,b'$, the cleats l' of the platform, and into the bridge n, as illustrated in Fig. 5. The platform is so pivoted that it will offer considerable leverage, the said platform, as above described, being intended to operate like a lever, so that by exerting foot-pressure on the outer end of the platform a considerable weight may be lifted at the inner end of the platform. The upper portion of the support a has a vertical slot a', in which to receive the bolt f, by means of which the sliding arms $c\,c'$ are secured in proper place when adjusted. The sliding arms $c\,c'$ are shown as cut out of pieces of wood and have secured to them shoes $d\,d'$, sliding against the edges a^2 of the support a. A cross-piece k is fastened to the back of the shoes $d\,d'$, and such cross-piece has a perforation k', through which the bolt f is inserted. Said bolt has a head f', is provided with washers $h\,h'$, and has a threaded end, on which is a nut g. The washer h' bears against the slotted portion of the support a when the nut g is tightened, so as to prevent the edges of such slot a' from being unnecessarily worn away. The washer performs a like function as h'. On top of the rear portion of arms $c\,c'$, back of the support a, is secured a brace e to give to the arms additional strength. The upper inner edges of said arms $c\,c'$ are beveled, as at c^2, so as not to interfere with the pins p, provided on the sills $i\,i'$, and there is a special advantage in having pins p provided on the sills $i\,i'$ below the top of the arms $c\,c'$, as in such position they are convenient for suspending the sack without one being exposed to striking and wounding the hands against the pins and working rapidly, and, besides, it presents a convenient form of construction, as the pins may first be driven into the sills and then the latter affixed to the arms. The position of the arms $c\,c'$ must be so adjusted that the mouth of the sack may be hung from the pins p open, ready to receive its contents, and that the base of the sack will rest on the inner end of the platform l. In suspending the sack the material at the open end or mouth thereof is simply turned back over the arms $c\,c'$, and as the sack fills and drags down such open end will catch on the pins. As the sack is filled the platform l is depressed on its inner end by the weight of the substance contained in the sack, and when the sack has been filled by pressing on the outer end of the platform l with the foot the inner end is elevated and therewith the sack resting thereon. The lifting of the sack usually is sufficient in itself to disengage the mouth of the sack from the

pins *p* of the arms *c c'*, but if not portions of the sack as may still be caught on such pins may be easily disengaged by the hand. When the sack has been disengaged, it can readily be tilted toward one and slid off the platform for tying, &c.

My contrivance may be inexpensively and durably made of wood and is the means of saving considerable labor and time where any considerable amount of sacking is required to be done.

Having thus fully described my invention, now what I claim, and desire to secure by Letters Patent, is—

1. In a bag-holder, the combination with a base supporting a fulcrumed platform and a standard; and a yoke movably supported on said standard, so as to be vertically adjustable; of arms projecting horizontally over said platform, and a series of upwardly-projecting pins on the inner sides of said arms, such pins being arranged in a horizontal line, below the upper edges of said arms, said inner sides being beveled, or sloped, toward the base of said pins, substantially as and for the purpose set forth.

2. In a bag-holder, the combination with a base supporting a fulcrumed platform and a standard; and a yoke movably supported on said standard, so as to be vertically adjustable; of arms projecting horizontally over said platform; sills arranged lengthwise on the inner sides of said arms below their upper edges, and a series of pins projecting from the upper faces of said sills, the said inner sides of the arms, above the sills, being beveled, or sloped toward the pins, substantially as and for the purpose set forth.

In testimony whereof I have hereunto affixed my signature, in the presence of two witnesses, this 10th day of October, 1899.

THOMAS JEFFERSON DAVIS.

Witnesses:
T. J. GEISLER,
L. D. HENDERSON.