

(No Model.)

J. S. McNEILL & W. J. SHAW.
IMPLEMENT FOR HANDLING BARRELS, &c.

No. 417,578.

Patented Dec. 17, 1889.

Fig. 1.

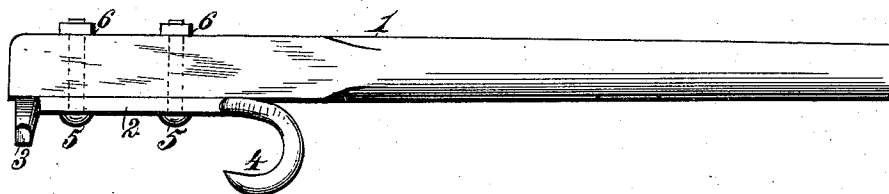


Fig. 2.

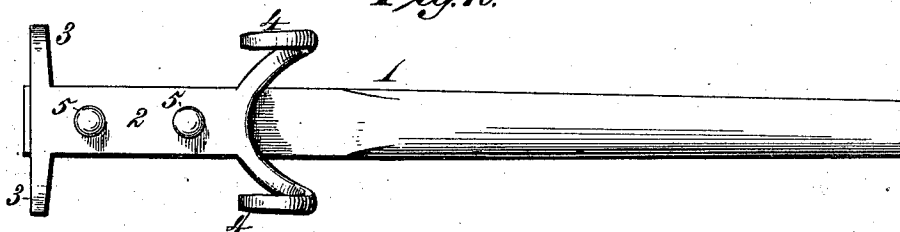


Fig. 4.

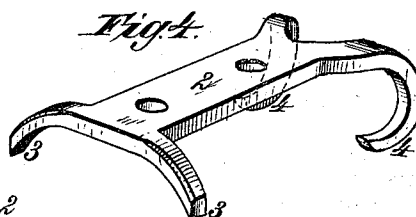
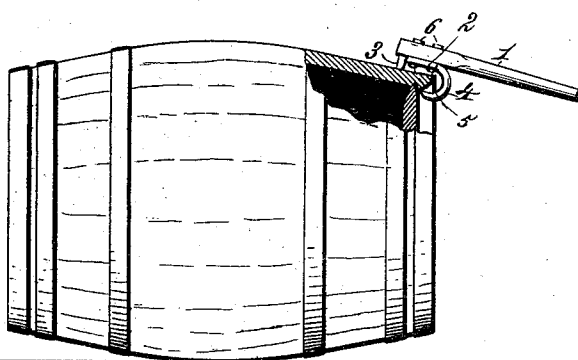


Fig. 3.



Witnesses,

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UNITED STATES PATENT OFFICE.

JAMES S. MCNEILL AND WILLIAM J. SHAW, OF JOHNSTON STATION, GEORGIA.

IMPLEMENT FOR HANDLING BARRELS, &c.

SPECIFICATION forming part of Letters Patent No. 417,578, dated December 17, 1889.

Application filed October 5, 1889. Serial No. 326,304. (No model.)

To all whom it may concern:

Be it known that we, JAMES S. MCNEILL and WILLIAM J. SHAW, citizens of the United States, residing at Johnston Station, in the county of Liberty and State of Georgia, have invented new and useful Improvements in Implements for Handling Barrels, Boxes, &c., of which the following is a specification.

Our invention relates to implements for handling bales and packages of merchandise, and especially for handling barrels, and the purpose thereof is to provide a cheap and simple device whereby a firm hold of the barrel or package may be obtained and a powerful leverage exerted thereon, enabling the user to lift, "end up," or roll the barrel with greatly increased ease and expedition.

The invention consists in the novel implement and in the features of construction and new combinations of parts hereinafter fully set forth, and then defined in the claim following this specification.

To enable others to make and use the said invention, we will now describe the same in detail, reference being had to the drawings accompanying this application, in which—

Figure 1 is a side elevation showing an implement constructed in accordance with our said invention. Fig. 2 is an inverted plan view of the same. Fig. 3 is a view showing the manner of using the same, and Fig. 4 is a detail perspective view of the plate to show its arched laterally-projecting hooks and arched lateral arms.

In the drawings, the reference-numeral 1 denotes a strong lever or handle constructed of wood and having such form and dimensions as to enable it to be easily grasped and used while at the same time it possesses the required strength. At one end of this lever is attached a metal plate or shoe 2, provided with laterally-extending arms 3 at that end of the plate which lies at the end of the lever, or nearest thereto, and these arms are arched and extend laterally in opposite directions from the edges of the plate. At the other end of said plate are formed two strong hooks 4, which preferably diverge somewhat, in order to give a broad base of support. These hooks are curved in such manner that their extremi-

ties point toward the end of the plate having the lateral arms 3. Both the hooks and the arms are formed integral with the plate 2, and the arms 3 are arched and extend laterally in opposite directions, so that they have extended bearings on a barrel and adapt themselves to the curved shape of said barrel, and the plate is strongly bolted to the end of the lever by means of bolts and nuts 5 and 6.

The points of the arms 3 and of the hooks 4 may be sharpened to enable them to secure a strong hold in the wood of the barrel or material of the bale, and the arms are preferably bent or arched slightly, to enable their points to engage without obstruction by the heads of the bolts.

The method of using the implement in handling barrels is shown in Fig. 3. The hooks are dropped over the chine, with the arms 3 resting against the body of the barrel, when by raising the end of the lever or handle a powerful leverage is exerted, enabling the user to handle very heavy barrels rapidly and with comparative ease. By applying one at each end two men can lift the barrel bodily, and in a similar manner boxes and bales of merchandise may be handled.

The implement may be made of any suitable dimensions, but ordinarily we employ a lever having a length of about three feet. The arms 3 have a spread of about two and three-quarter inches, and the hooks 4 are set about the same distance apart, their points being about six to eight inches from the arms 3.

What we claim is—

The barrel-lever herein shown and described, consisting of the handle 1 and the rectilinear plate 2, bolted to the handle and formed integral at one end with the arched arms 3, extending laterally in opposite directions, and at the other end with the laterally-projecting hooks 4, substantially as set forth.

In testimony whereof we have affixed our signatures in presence of two witnesses.

JAMES S. MCNEILL.
W. J. SHAW.

Witnesses:

G. A. McLEOD,
D. A. WATSON.