No. 668,932. Patented Feb. 26, 1901.

J. C. PURUCKER.

DEVICE FOR LOWERING BARRELS.

(Application filed June 9, 1900.)

(No Model.)

Fig. 1

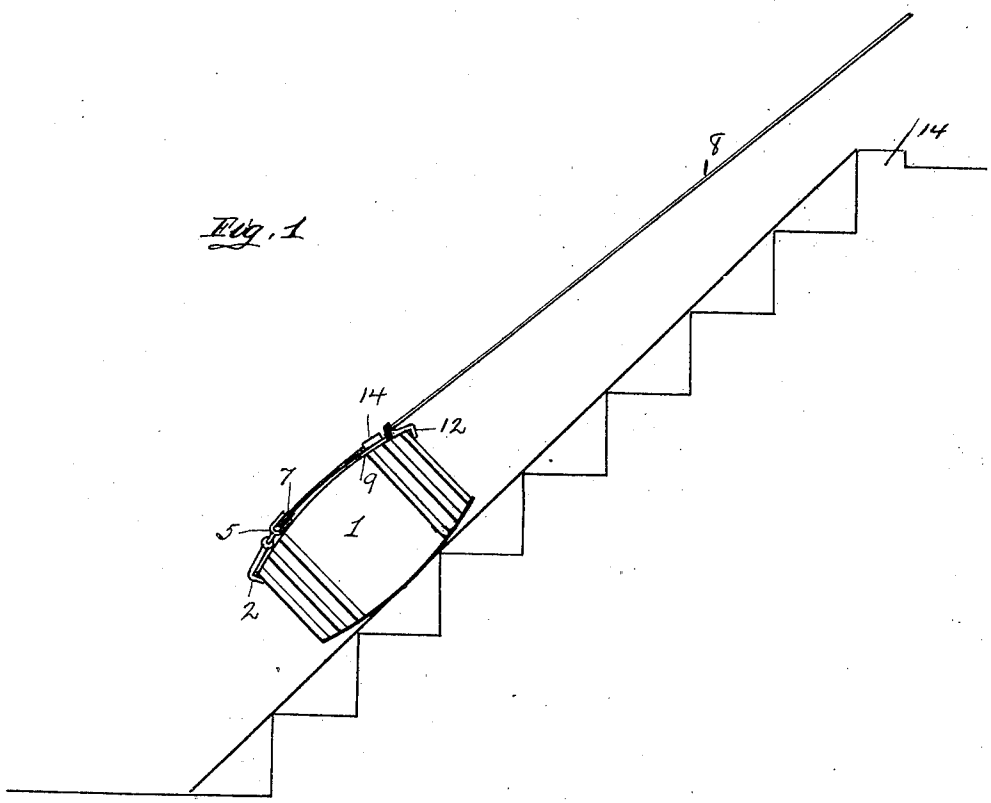
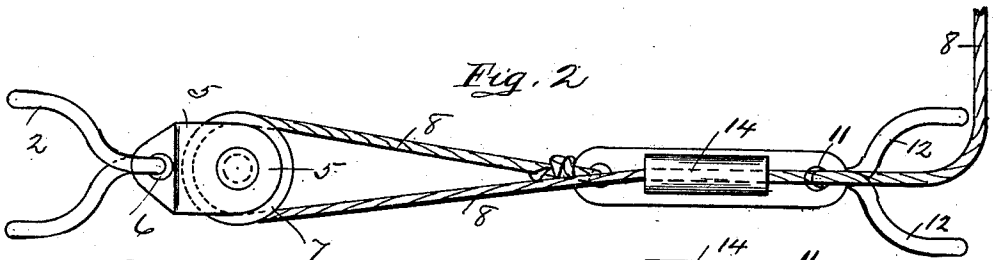


Fig. 2



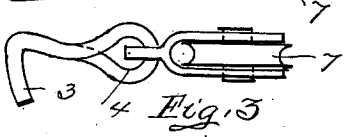


Fig. 3

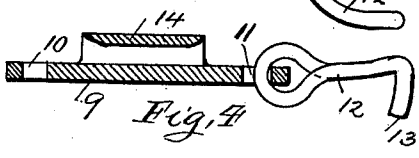


Fig. 4

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UNITED STATES PATENT OFFICE.

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DEVICE FOR LOWERING BARRELS.

SPECIFICATION forming part of Letters Patent No. 668,932, dated February 26, 1901.

Application filed June 9, 1900. Serial No. 19,685. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. PURUCKER, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Lowering Barrels; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improved device for lowering barrels into cellars or down flights of stairs, &c.; and it consists in the certain details of construction and combination of parts, as will be fully described hereinafter.

In the accompanying drawings, Figure 1 is a side elevation of a staircase, showing a barrel lowered down the same by means of my improved apparatus, the same being constructed and arranged in accordance with my invention. Fig. 2 is a plan view of the device. Fig. 3 is a side elevation of the lower portion of the device. Fig. 4 is a side elevation of the upper portion of the apparatus, the same being shown in section.

To put my invention into practice, I form from metal a grab-hook 2, having hooks 3 and an eye 4, which is connected to a pulley 7, arranged in a frame 5, which frame is formed with an opening 6 for engagement with the said eye 4 of the grab-hook. The upper portion of the device consists of a bar 9, having openings 10 and 11, one at either end, and also formed with a sleeve 14, through which one end of a rope 8 passes. This rope 8 is attached to the one end 10 of the bar 9 and passes over the pulley 7, and the free end is passed through the sleeve 14. The other end of the bar 9 is provided with a grab-hook 12 13, similar in form to that connected to the pulley, and the said grab-hook is adapted to engage with the top of the barrel, as shown at Fig. 1.

In operation the grab-hooks 2 and 12 are engaged with the chimes of the barrel 1, and by taking hold of the free end of the rope 8 the barrel may be lowered and held safely, as is obvious.

Various slight modifications and changes may be made in the details of construction without departing from the spirit of the invention.

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

The herein-described device for handling barrels, consisting of the grab-hook 2, the pulley 5 connected thereto, the bar 9, having openings 10 and 11, one at each end, the sleeve 14 formed with the said bar, the grab-hook 12, connected to one end of the bar, and a rope 8 to the other end, the free end of the said rope being passed over the pulley 5, and through the sleeve 14, all arranged and combined for service, substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

JOHN C. PURUCKER.

Witnesses:
JOHN GROETZINGER,
H. E. BEACER.