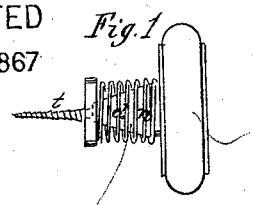
Thomas Garrick's

Improved Twine Holder and Cutter.

72186

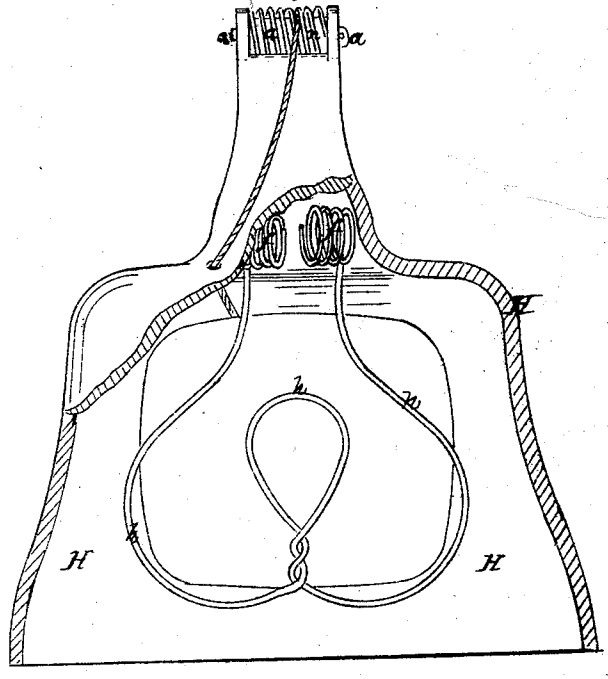
PATENTED
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Fig. 1



cutter

Fig 2.



Witnesses. S. J. Jones
Max. Cohnheim

Inventor. Thomas Garrick
by his Atty
Jame A. Bonnell

United States Patent Office.

THOMAS GARRICK, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 72,186, *dated December* 17, 1867; *antedated December* 11, 1867.

IMPROVED TWINE-HOLDER AND CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS GARRICK, of the city and county of Providence, and State of Rhode Island, have invented a new and improved Twine-Holder and Cutter; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a view of my improved twine-cutter combined with the knob of a drawer.

Figure 2 is an elevation and section of my improved twine-holder and cutter combined.

Similar letters indicate corresponding parts in all the figures.

My invention consists in combining with a cutting-blade a surrounding spiral shield, of wire or other suitable material, in such a manner that while one or a number of pieces of twine may pass between the convolutions of the wire shield to the edge of the cutting-blade, and be severed, the shield will prevent the blade from coming in contact with and injuring the hand; also, of a metallic shell for containing a ball of twine, and a spring-clamp so arranged therein as to hold the ball of twine stationary while the twine unwinds from its centre.

In the drawings, *a* is the cutting-blade, and *n* is the spiral shield surrounding the same, and it will readily be seen that a thickness of twine may readily pass between the convolutions of the wire shield, and be cut by the blade *a*, but that at the same time the said shield excludes all other objects from contact with the cutting-blade, except such as may pass between the convolutions of the wire in like manner with the twine, so that the blade is not likely to injure the hand in its use.

In fig. 1, the blade and shield form the shank of a drawer-knob, which is secured in the drawer by means of a screw, *t*, forming part of the cutting-blade, and when the parts are thus combined, the cutter is held in a favorable position to cut twine which may be contained in the drawer, and yet the cutting-blade is sufficiently protected by the shield to prevent it from cutting the fingers in seizing the knob in the usual way to open the drawer.

In fig. 2, the said cutter is mounted on the top of a cast-iron shell, H, resembling somewhat a bell in form, and open at the bottom and broad at the base, so that it may sit firmly on the counter or table while the twine is being drawn therefrom. The ball of twine is held firmly within the shell by means of a spring-clamp, *h*, of wire, so formed as to partially surround the ball, and press it against the inside of the shell. The wire is bent spirally near the two ends, at *f f*, and secured by the two ends in the top of the shell by passing through holes pierced in the upper part of the shell, and clinching the same upon the outside.

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

The combination of a cutting-blade with a spiral convoluted shield, constructed substantially as and for the purpose specified.

I also claim the spring-clamp, in combination with the metallic shell for holding the ball of twine, substantially as specified.

In testimony whereof, I have hereunto set my hand, this ninth day of February, A. D. 1866.

THOMAS GARRICK.

Witnesses:

ISAAC A. BROWNELL,

D. K. HOXSIE.