

G. D. STEVENS.
Slings for Elevating Packages.

No. 158,996.

Patented Jan. 19, 1875.

Fig: 2.

Fig: 1.

Fig: 4.

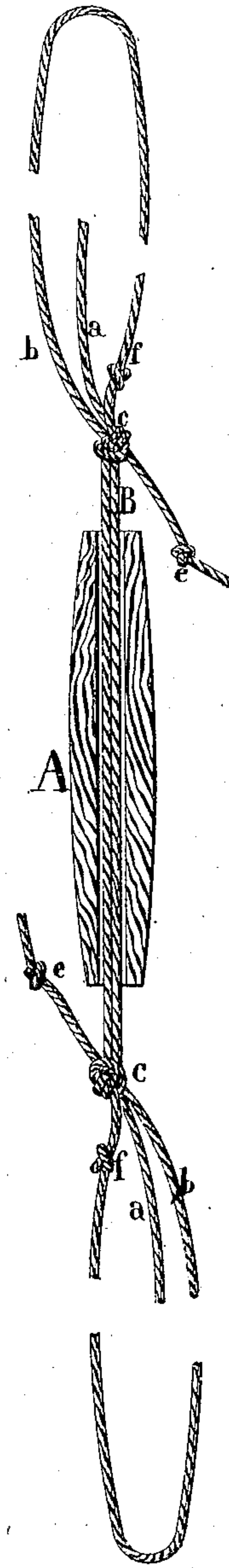
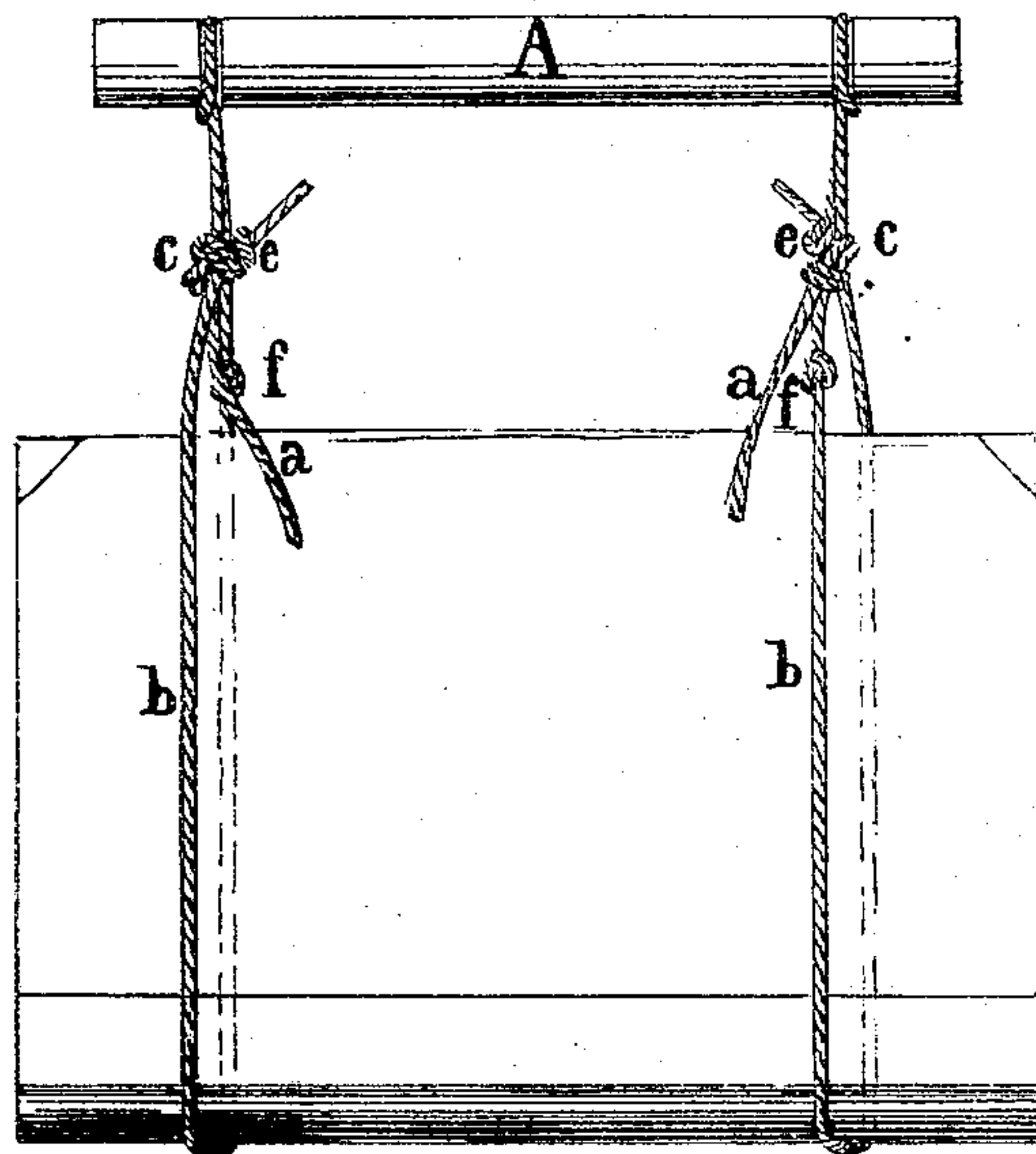
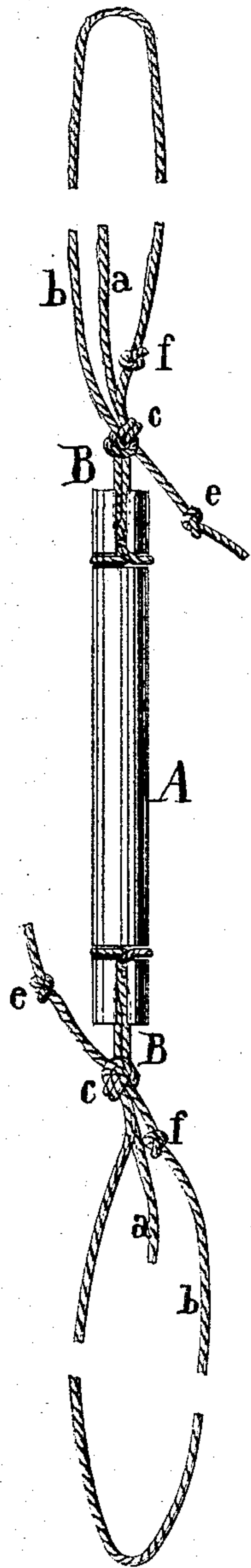
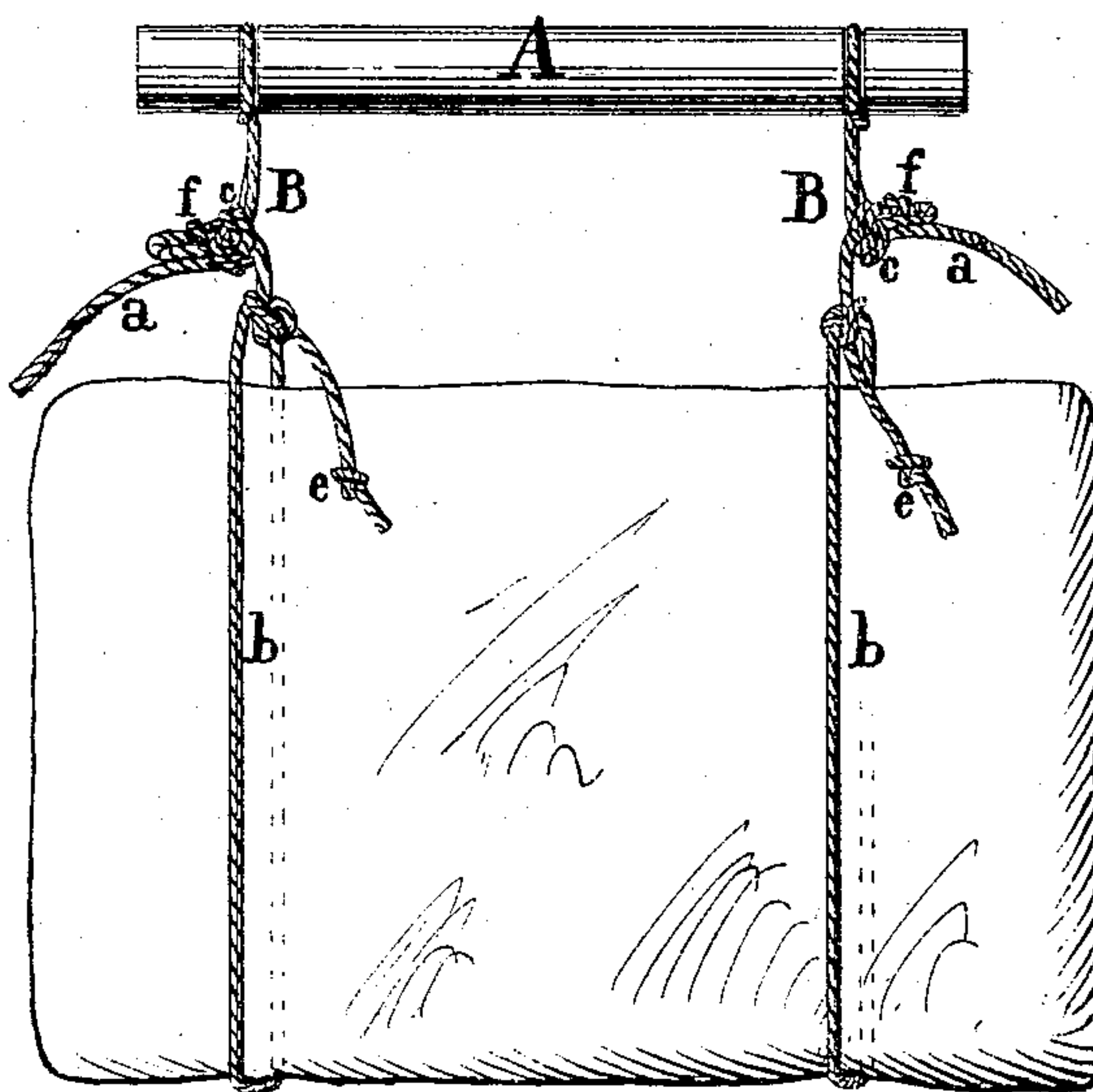


Fig: 3.



Witnesses:

W. Hauff
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UNITED STATES PATENT OFFICE.

GEORGE D. STEVENS, OF EAST ORANGE, NEW JERSEY.

IMPROVEMENT IN SLINGS FOR ELEVATING PACKAGES.

Specification forming part of Letters Patent No. **158,996**, dated January 19, 1875; application filed July 10, 1874.

To all whom it may concern:

Be it known that I, GEORGE D. STEVENS, of East Orange, in the county of Essex and State of New Jersey, have invented a certain new and Improved Sling for Packages, of which the following is a specification:

This invention is illustrated in the accompanying drawing, in which Figure 1 represents a plan of this sling when detached from the package. Figs. 2 and 3 show the same as applied to packages. Fig. 4 is a plan of a modification.

Similar letters indicate corresponding parts.

This invention relates to a sling composed of a handle and two cords, which are suspended from the ends of said handle, and provided with knots, which guard the hand against the package, and which form guides for the ends of the cords, so that said cords can be readily drawn tight around a package. Suitable stops prevent the ends of the cords from being drawn through the guide-knots beyond certain points, in either direction. The handle is provided in its ends with slots, which facilitate the operation of securing the sling after the same has been passed round a package.

In the drawing, the letter A designates a handle, which is made, by preference, of wood, in any suitable form or shape. To each end of this handle is secured a cord, B, so that both ends, *a b*, of said cord, depend from the handle, but the ends *b* are left considerably longer than the ends *a*. After the cords have been tied to the handle, knots *c* are formed at a certain distance from the handle, and these knots act as guards to protect the hand, which grasps the handle, against the package secured in the sling. Said knots are so formed that they also act as guides for the ends *b* of the cords, and that, by drawing these ends through said guide-knots, bights are formed for the reception of a package. (See Fig. 1.) After the package has been adjusted in these bights, the ends *b* of the cords are drawn up until the package becomes firmly secured in

the bights, and then said ends are tied either to the handle or to the ends *a* of the cords. For the purpose of facilitating the operation of securing the ends *b* of the cords to the handle, said handle is provided in its ends with slots *d*, (see Fig. 1,) in which the cords can be easily fastened. The end *b* of each cord is provided with two stops, *e f*, the stop *e* being placed near the extremity of said end, while the stop *f* is at a short distance from the guide-knot *c*. The object of the stop *e* is to prevent the end *b* from being drawn out of the guide-knot *c*, and the stop *f* allows of drawing the end *b* through the guide-knot up to said stop, as shown in Fig. 3. When the end *b* is thus drawn out, it can be passed round a package and fastened either in the manner shown in Fig. 3, or in any other desirable manner, so as to retain the package firmly in position.

Instead of tying the cords B to the ends of the handle A, I can make the handle hollow, (see Fig. 4,) and in this case the cords are made to pass loosely through the handle, and then the guide-knots *c* and the stops *f* are formed, as previously described, the guide-knots being made of such a size that they will not pass through the bore of the handle, and, consequently, the cords are prevented from becoming detached.

A sling of this kind is exceedingly cheap and simple, and it can be readily adapted to packages of any description.

What I claim as new, and desire to secure by Letters Patent, is—

A sling, composed of a handle, A, and cords B, which are provided with guide-knots *c*, and stops *e f*, substantially in the manner shown and described.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

GEORGE D. STEVENS. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.