

(No Model.)

A. L. PITNEY.
ROPE OR LINE CLASP.

No. 297,158.

Patented Apr. 22, 1884.

Fig. 1.

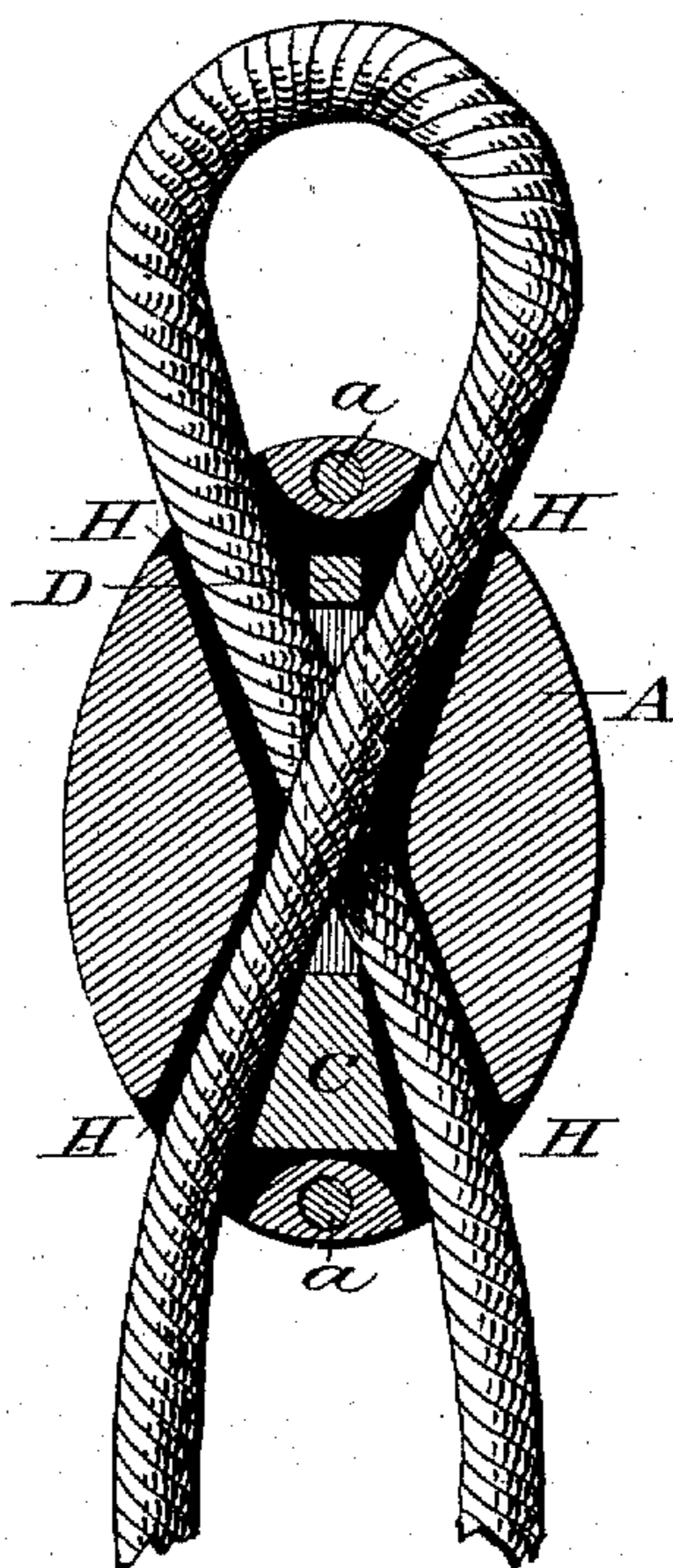


Fig. 2.

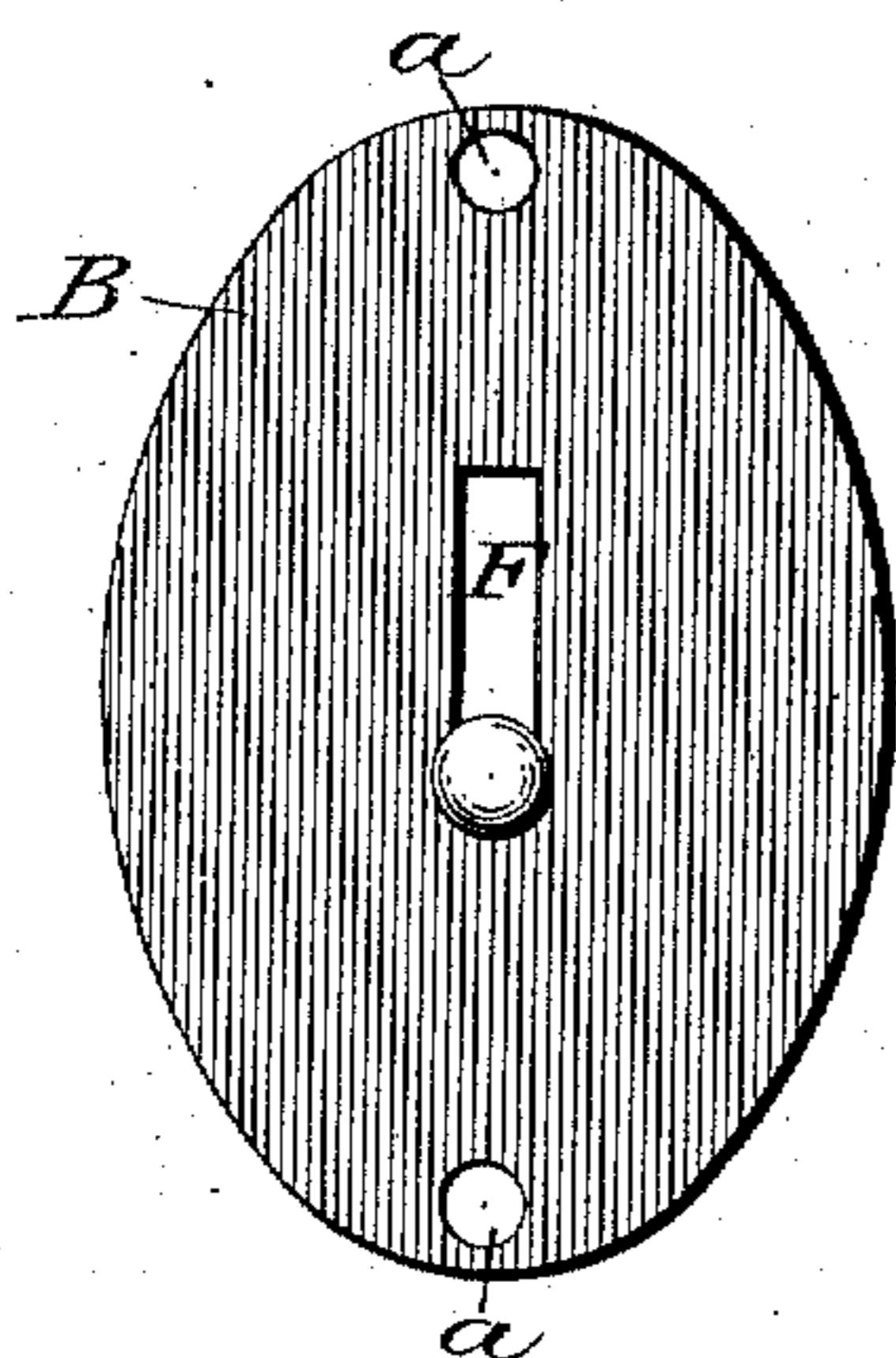


Fig. 3.

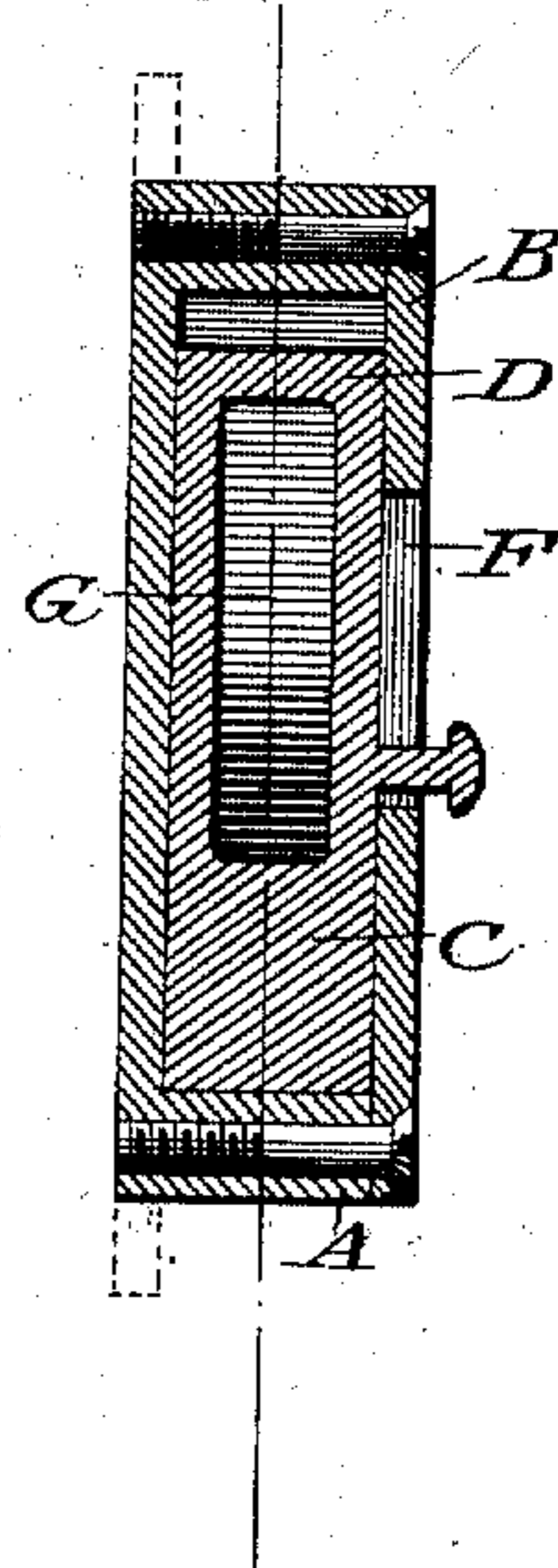


Fig. 4.

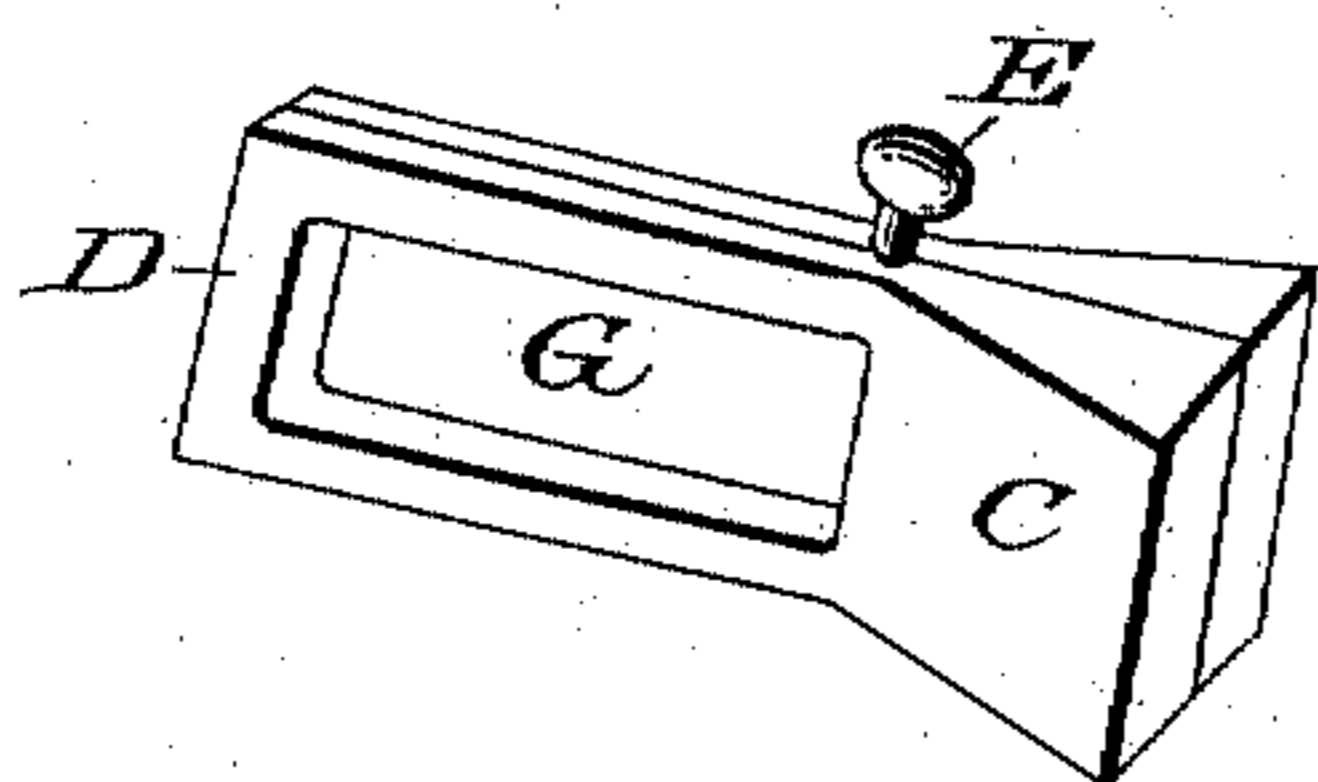


Fig. 5.

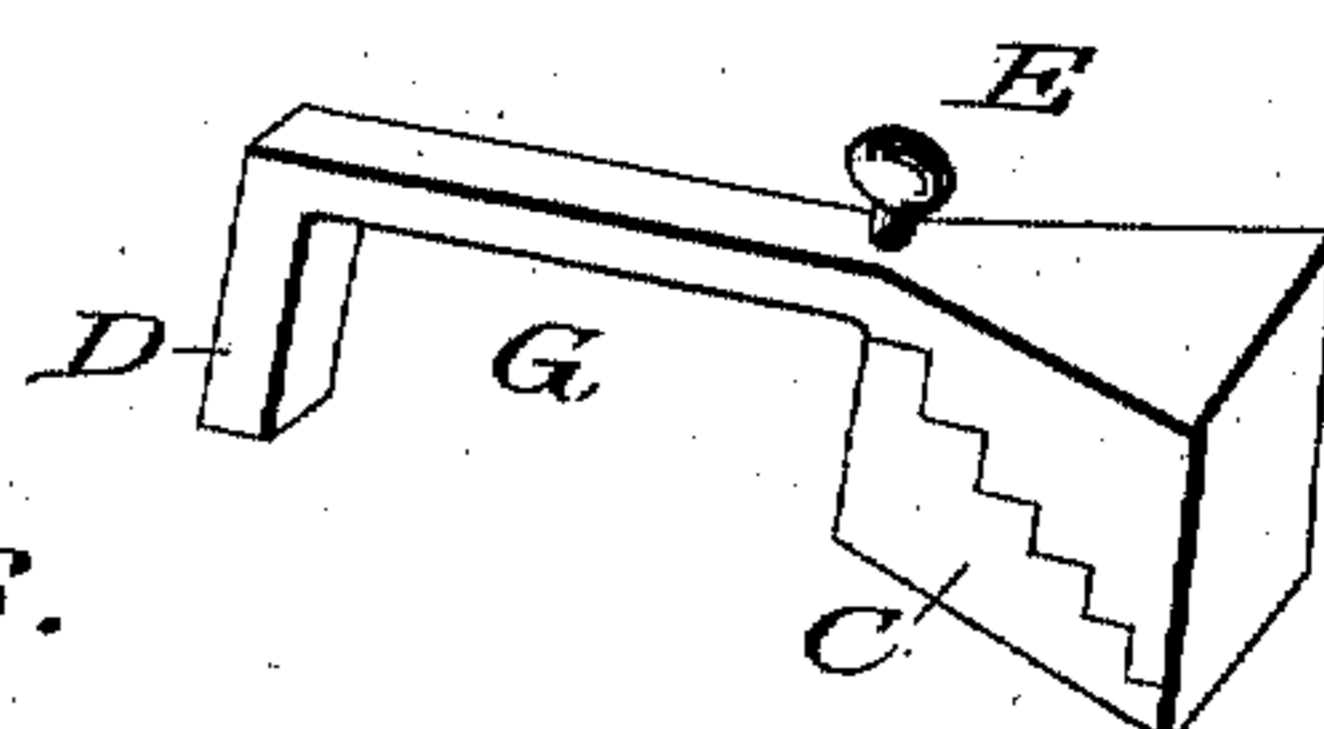
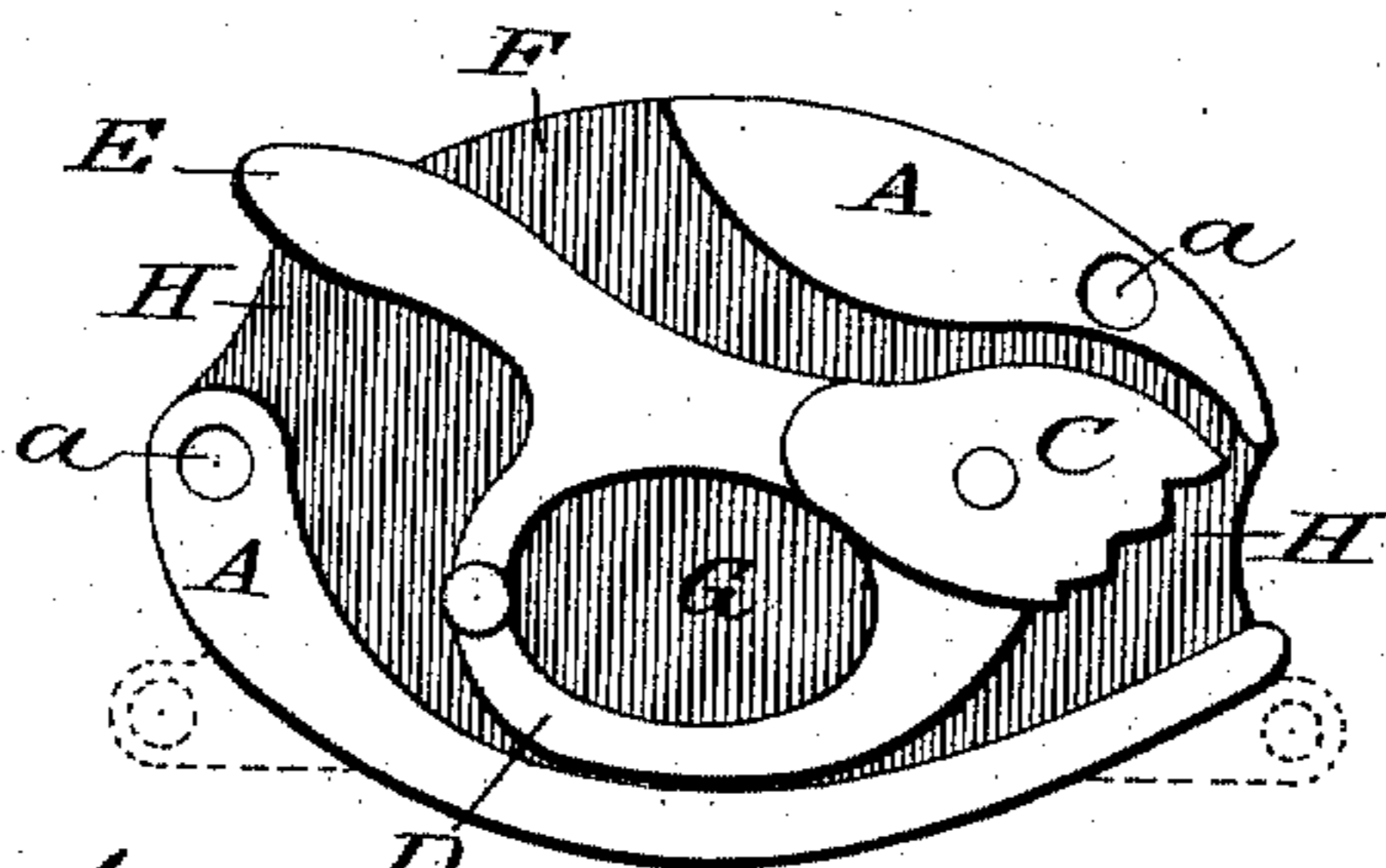


Fig. 6.



Witnesses:

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Albert L. Pitney

UNITED STATES PATENT OFFICE.

ALBERT L. PITNEY, OF WASHINGTON, DISTRICT OF COLUMBIA.

ROPE OR LINE CLASP.

SPECIFICATION forming part of Letters Patent No. 297,158, dated April 22, 1884.

Application filed March 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, ALBERT L. PITNEY, of Washington, District of Columbia, have invented a certain Improvement in Rope or Line Clasps, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which like letters refer to like parts in the device and its modifications.

Figure 1 is a horizontal sectional view of my improved clasp with the rope in position as in actual use. Fig. 2 is a view of the cover or top part of the case. Fig. 3 is a vertical sectional view of the whole case with clamping device in position. Figs. 4 and 5 are perspective views of the clamping device. Fig. 6 is a view of one modification of the different parts of the device, showing how they may be changed without destroying the identity of the whole.

My present invention has for its object to provide a simple and reliable device for fastening cords, &c., and to obviate the necessity of tying and untying the cord and the labor incident thereto.

My invention consists in a case through which the line is passed, and a clamping device that is, by the strain upon the rope, made to press the same tightly against the sides of the case. This improved clasp may be constructed in various forms, and its parts arranged in a variety of ways without involving any difference in principle. Some of the different forms which have suggested themselves to me have, however, their own special advantages, and in Fig. 1 I have shown the construction I prefer.

In order that others skilled in the art or manufacture may fully understand my invention, I will particularly describe the construction preferred, and regard the same as typical of all, reference being had to the accompanying drawings.

A and B together represent a metallic oval-shaped case, that, with the clamping device placed in proper position, forms a complete line-clasp. The oval shape of the case is for the purpose of obtaining the most desirable lines for running the grooves for the rope or cord and for convenience in handling. It may be

desired sometimes to have the clasp permanently attached to the bag or where used, so that the cord can be drawn through instead of having the clasp pushed along the cord; and to facilitate this end a lug or lugs with openings for riveting or tying may be stamped out or cast upon the case during the manufacture.

C, D, and E represent a clamping device, that may be made in one or two parts, as seems best adapted for the particular occasion, and that also may be of any desirable shape or thickness of metal. The clamping device has an opening in its forward part or extension, that is intended for the purpose of allowing the cords to be passed through in a crossed position, in order to form a bight for the rope, so that it will press against the end of the extension D, and thereby, in drawing the cord toward the fore part of the case, to cause the clamping device to move forward and securely bind the rope. Said device is also provided with a lug, E, for the purpose of releasing the cord or keeping the device in proper position in the case. In actual practice it has been demonstrated that this particular form of a clamping device is always sure and automatic in its action, and that the natural expansion of the closed package will always close and securely fasten the clasp, thereby doing away with springs for accomplishing the same ends.

When used as a bag-tie or otherwise, in order to release the clasp, grasp the case with the right hand, with the thumb pressing upon the lug E, and pull toward you, and the clasp will move down the rope and allow the bag to open. To close the bag, move the clasp along the cord without reference to the lug E.

In the modification shown in the accompanying drawings the clamping device has the bearing-faces upon the bottom instead of upon the sides.

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

1. In a line-fastener, the combination, with a case, of a clamping device consisting of a block or lever having an apertured portion extending therefrom, substantially as described, whereby the cords passing through and under the opening in the extension move the clamp-

ing device when a strain is brought upon the cords, substantially as and for the purpose set forth.

2. In a line-fastener, the combination of a
5 case having a slot, with a clamping device consisting of a block or lever having an apertured portion extending therefrom, and provided with a stud or projection at right angles there-

to, whereby the clamping device is held in the case, substantially as and for the purpose set forth.

ALBERT L. PITNEY.

Witnesses:

WM. B. MATTHEWS,
F. P. McDERMOTT.

Correction in Letters Patent No. 297,158.

It is hereby certified that in Letters Patent No. 297,158, granted April 22, 1884, upon the application of Albert L. Pitney, of Washington, District of Columbia, for an improvement in "Rope or Line Clasps," an error appears in the printed specification requiring correction, as follows: In line 99, page 1, the word "and" should read *or*; and that the Letters Patent should be read with this correction therein to make it conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 29th day of April, A. D. 1884.

[SEAL.]

Countersigned:

BENJ. BUTTERWORTH,
Commissioner of Patents.

M. L. JOSLYN,
Acting Secretary of the Interior.