

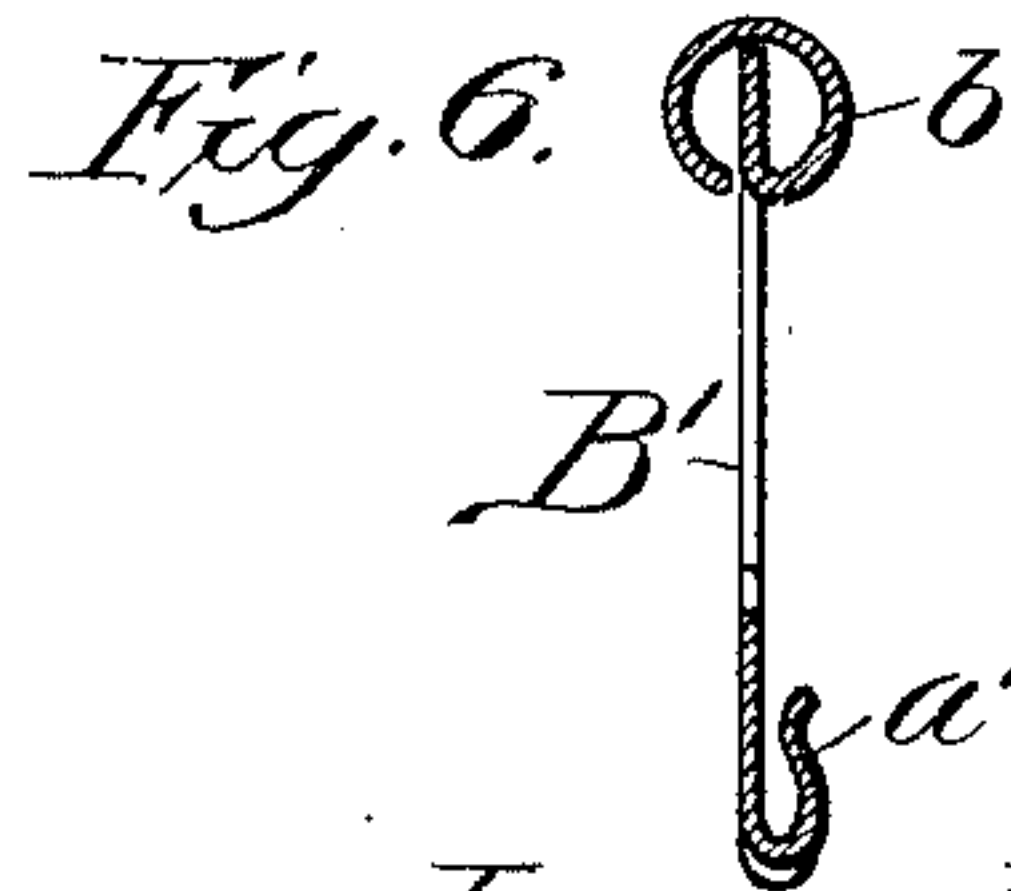
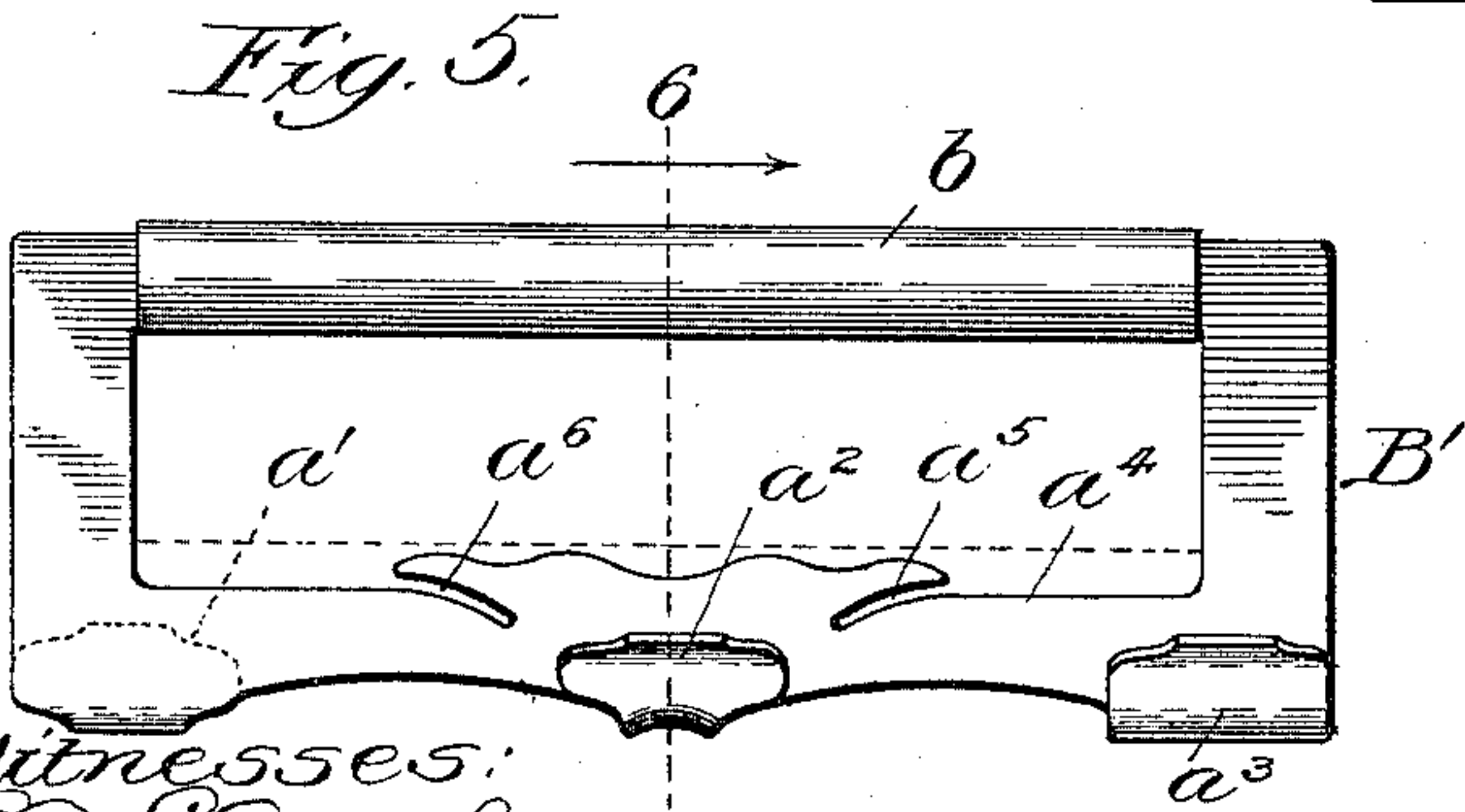
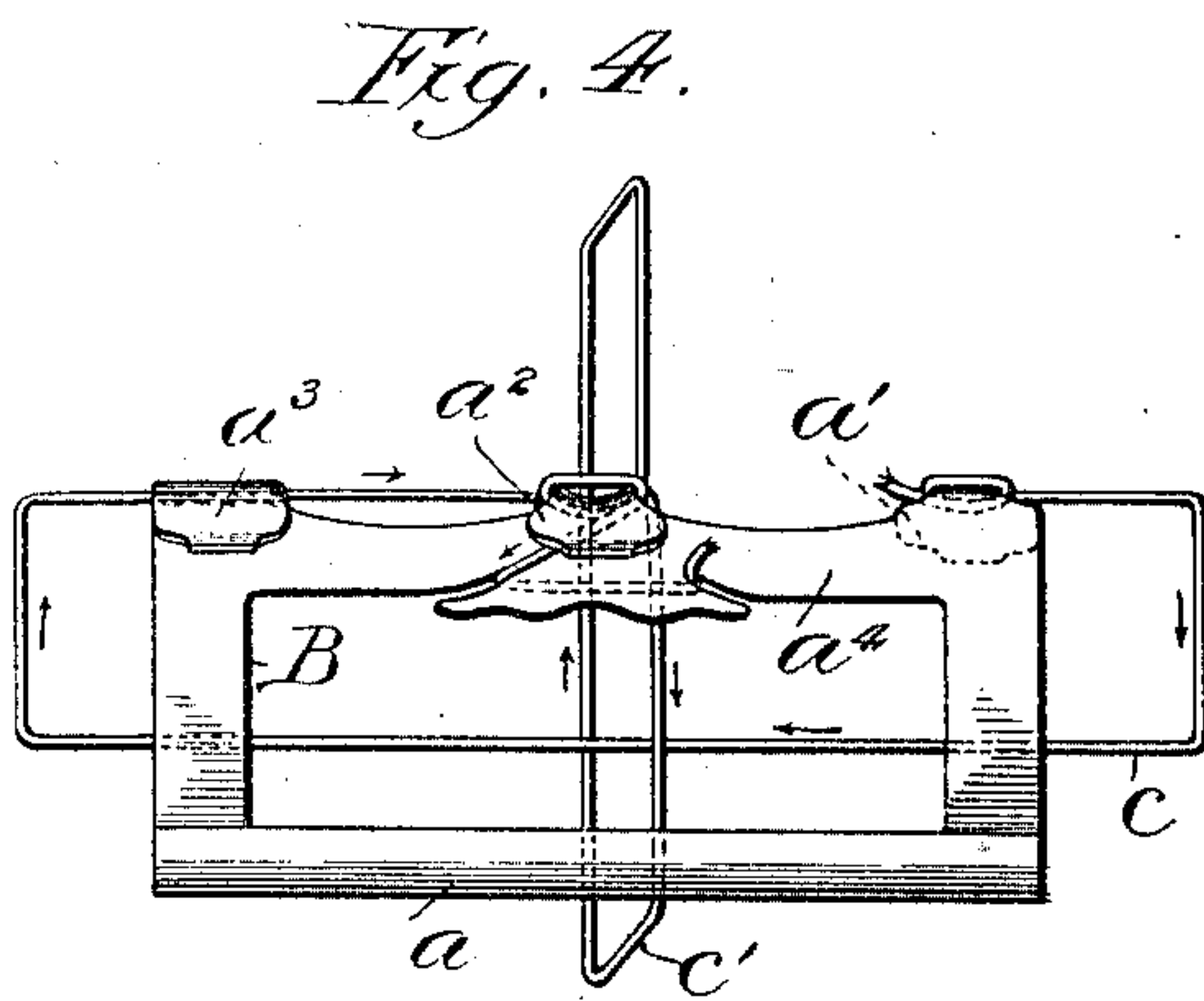
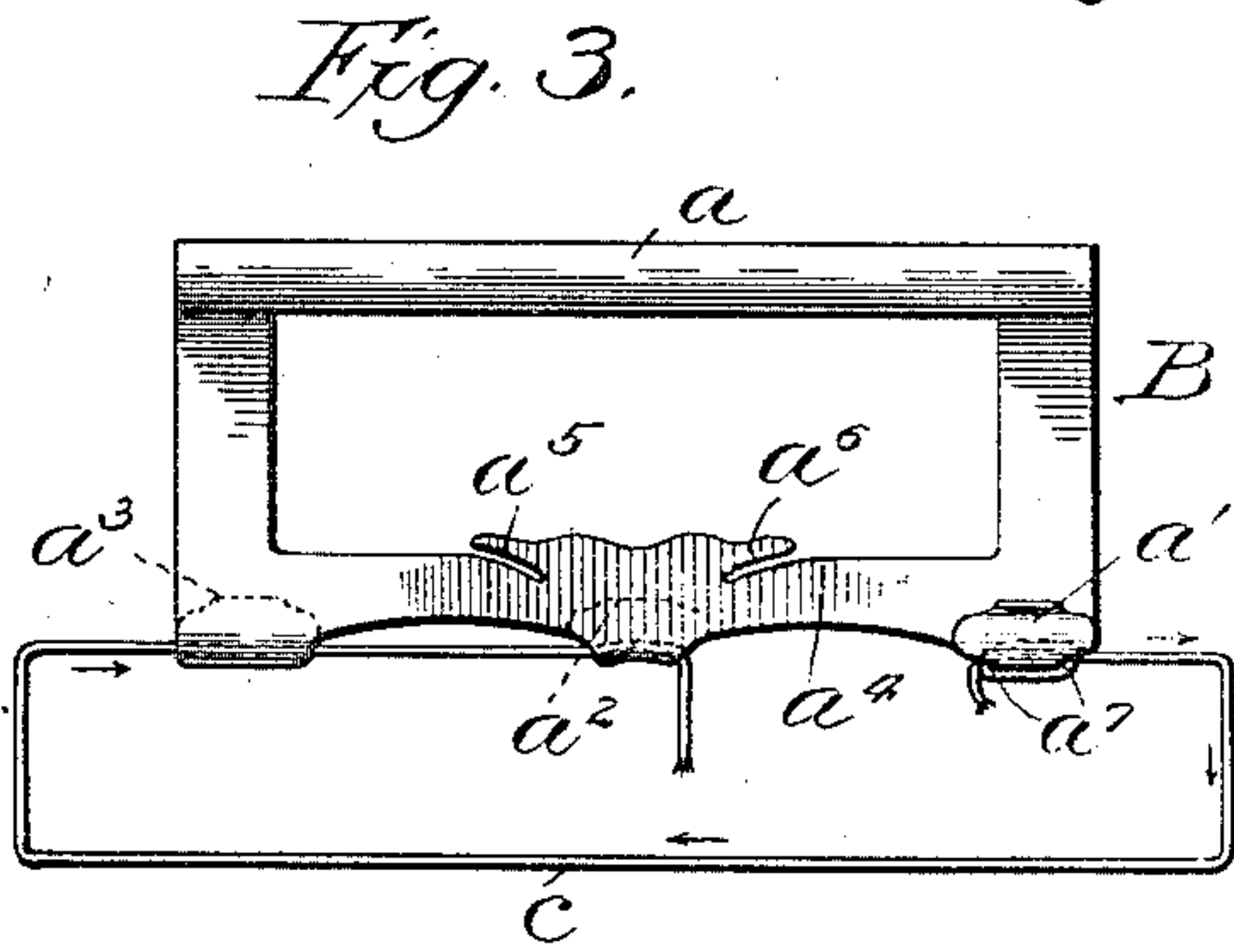
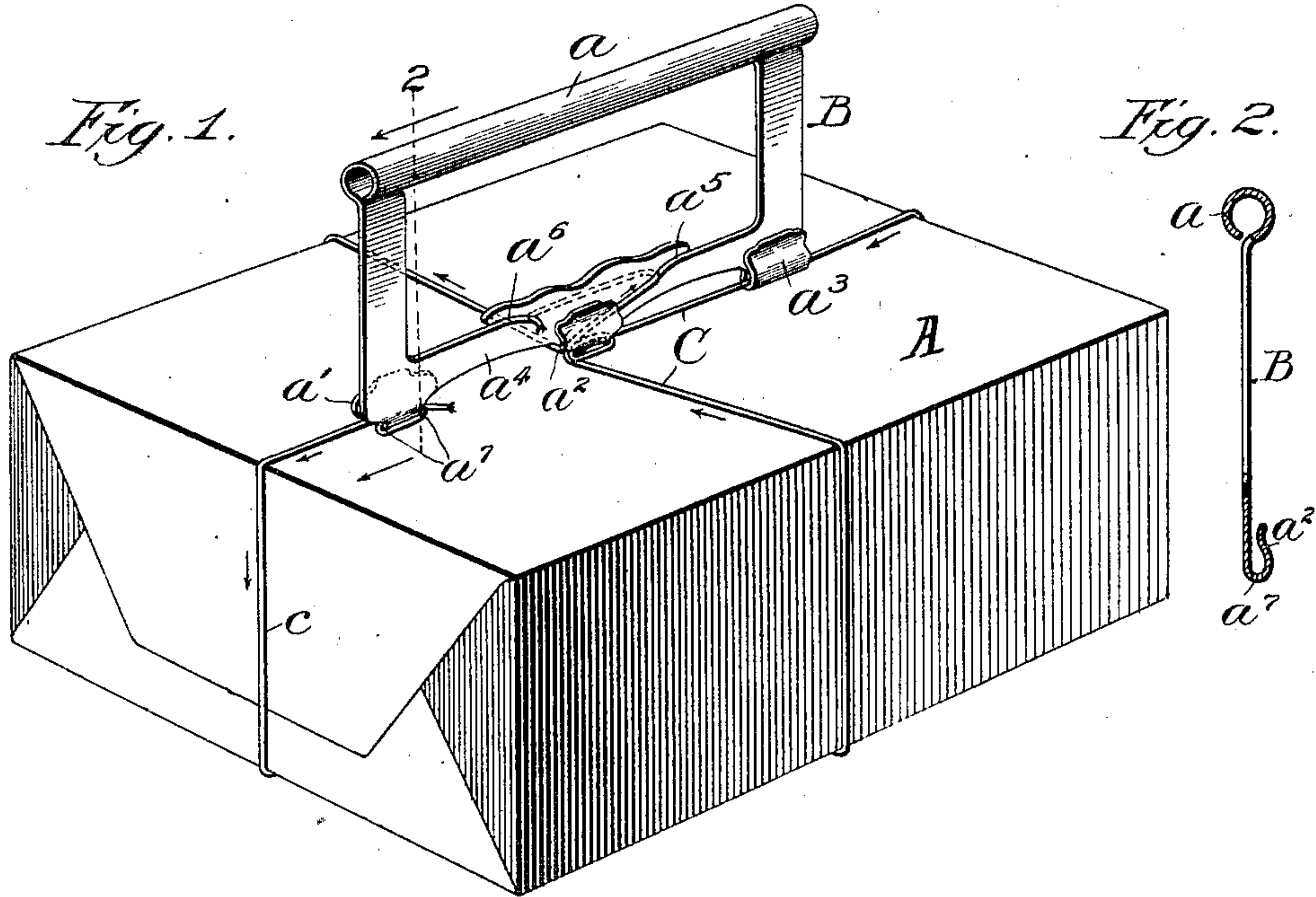
No. 736,630.

PATENTED AUG. 18, 1903.

E. F. PRIDDAT.
PACKAGE FASTENER AND CARRIER.

APPLICATION FILED DEC. 22, 1902.

NO MODEL.



Witnesses:
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UNITED STATES PATENT OFFICE.

ERNST F. PRIDDAT, OF CHICAGO, ILLINOIS.

PACKAGE FASTENER AND CARRIER.

SPECIFICATION forming part of Letters Patent No. 736,630, dated August 18, 1903.

Application filed December 22, 1902. Serial No. 136,233. (No model.)

To all whom it may concern:

Be it known that I, ERNST F. PRIDDAT, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Package Fasteners and Carriers, of which the following is a specification.

My invention consists in a combination fastener and carrier for packages; and my primary object is to provide a simple and inexpensive device of this character which will serve as a tie-fastener in the operation of tying a package and as a secure handle for the package after the tying operation is complete.

The accompanying drawings illustrate my invention in its preferred form and show the manner in which it is applied to a package.

In the drawings, Figure 1 is a perspective view of a package having its tie secured by my improved combination fastener and handle; Fig. 2, a sectional view of the device, taken as indicated at line 2 of Fig. 1; Fig. 3, a view showing the device laid upon one side, as it is in attaching the cord and making the first loop; Fig. 4, a view showing it turned over, as it is after making the second loop; Fig. 5, a side view of the device, showing a modification of the handle; and Fig. 6, a section taken as indicated at line 6 of Fig. 5.

While it will be obvious that the device may be modified variously both in form and other respects, I shall now, for clearness of understanding, describe it minutely in the form shown.

A represents a package, B the improved combination fastener and handle, and C the cord or tie used in connection with the device.

The improved device comprises a sheet-metal member having its central portion cut out, its upper portion curled over to form a handle a , and its base equipped with twine-engaging hooks, tongues, or retainers a' a^2 a^3 . The hooks are formed by bendingsuitable ears or lugs with which the blank is provided at its lower edge back upon the base portion a^4 of the device. The hook a' lies on one side of the device and the other two hooks on the opposite side of the base portion; but the bottoms of the grooves which they form with the base—that is, the bearings—are in sub-

stantial alinement. The central bearing or groove-bottom is convex on its upper surface, as indicated by the dotted line in Fig. 3, so as to afford a rounded surface over which a cord may be drawn freely in tightening. At the upper edge of the base portion are provided two opposed twine-gripping slots a^5 a^6 , opening away from each other. The lower margin of the base portion is cut away or concaved between the hooks, so that the latter project somewhat to facilitate in placing the cord over the hooks a^2 a^3 while the device is in the position indicated in Fig. 3.

The device may be applied as follows: Secure one end of the cord to the hook a' by passing the cord through the groove in the direction indicated by the large arrow in Fig. 1, then wrap about the base of the hook and pass through the groove again rest the device upon the package, as indicated, then pass the cord lengthwise about the package to form the loop c , lay the device upon its side, as indicated in Fig. 3, and pass the cord over the hooks a^3 a^2 in the order named, slightly lifting the device to permit, then draw the loop taut, then pass transversely about the package to form the loop c' , then through the channel at a^2 , drawing taut over the bearing thereat, then about the base of the tongue a^2 and through the channel again, then through the cord-gripping slot a^5 , and finally through the slot a^6 , which serves both as a cord gripping and severing notch whereat the cord may be snapped.

When the handle is applied in the manner described, it stands out at right angles to the package, so that it may be grasped conveniently. Owing to the shape and springiness of the tongue or hook a' it acts as a retainer, which serves alone to secure the cord when the latter is wrapped, as described. The other tongues also have a yielding gripping action which prevents displacement of the cord, but does not interfere with the tightening operation.

In the modification of Figs. 5 and 6, B' represents a device having the same structure and characteristics as the device B, except that the handle b is formed by curling the metal punched from the central portion of the device in the manner illustrated.

It will be obvious that the form of the improved device may be variously modified and that changes in details of construction, all within the spirit of my invention, may be made. Hence no undue limitation should be understood from the foregoing detailed description which has been given for clearness of understanding only.

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

1. A combination handle and fastener, comprising a handle with three substantially aligned twine-bearings, the intermediate bearing formed with an open laterally and upwardly turned hook over which the twine may be drawn in tightening the cord and in forming a transverse loop, suitable means being provided for fastening the ends of the twine, for the purpose set forth.
2. A combination handle and fastener comprising a handle, and three or more substantially aligned cord-bearings, and equipped with a cord-gripping slot adjacent to the intermediate bearing, for the purpose set forth.
3. A combination handle and fastener comprising a handle, three or more substantially aligned cord-bearings, and two opposed twine-gripping slots adjacent to the intermediate bearing, for the purpose set forth.
4. A device of the character described, comprising a handle portion and a base portion formed integrally with three or more laterally-projecting upturned tongues, said tongues being on opposite sides of said base portion, for the purpose set forth.

5. A device of the character described, comprising a handle portion and a base portion formed integrally with three laterally-projecting upturned tongues, one of the end tongues being on one side of said base portion and the other tongues on the opposite side thereof, and twine-gripping slots flanking the intermediate bearing, substantially as and for the purpose set forth.

6. A device of the character described, comprising substantially parallel handle and base portions connected by end strips, and laterally-upturned tongues upon said base portion, including an intermediate tongue, and suitable means for securing the ends of the twine, for the purpose set forth.

7. A device of the character described, comprising a handle, base portion and tongues formed integrally from a sheet-metal piece, the intermediate portion of the piece being removed to afford an opening for the fingers, suitable means being provided for securing the ends of the twine, for the purpose set forth.

8. A device of the character described, comprising substantially parallel handle and base portions connected by end strips, tongues connected with the lateral edge of the base portion, and a twine-gripping slot at the upper edge of the base portion, for the purpose set forth.

ERNST F. PRIDDAT.

In presence of—

L. HEISLAR,

ALBERT D. BACCI.