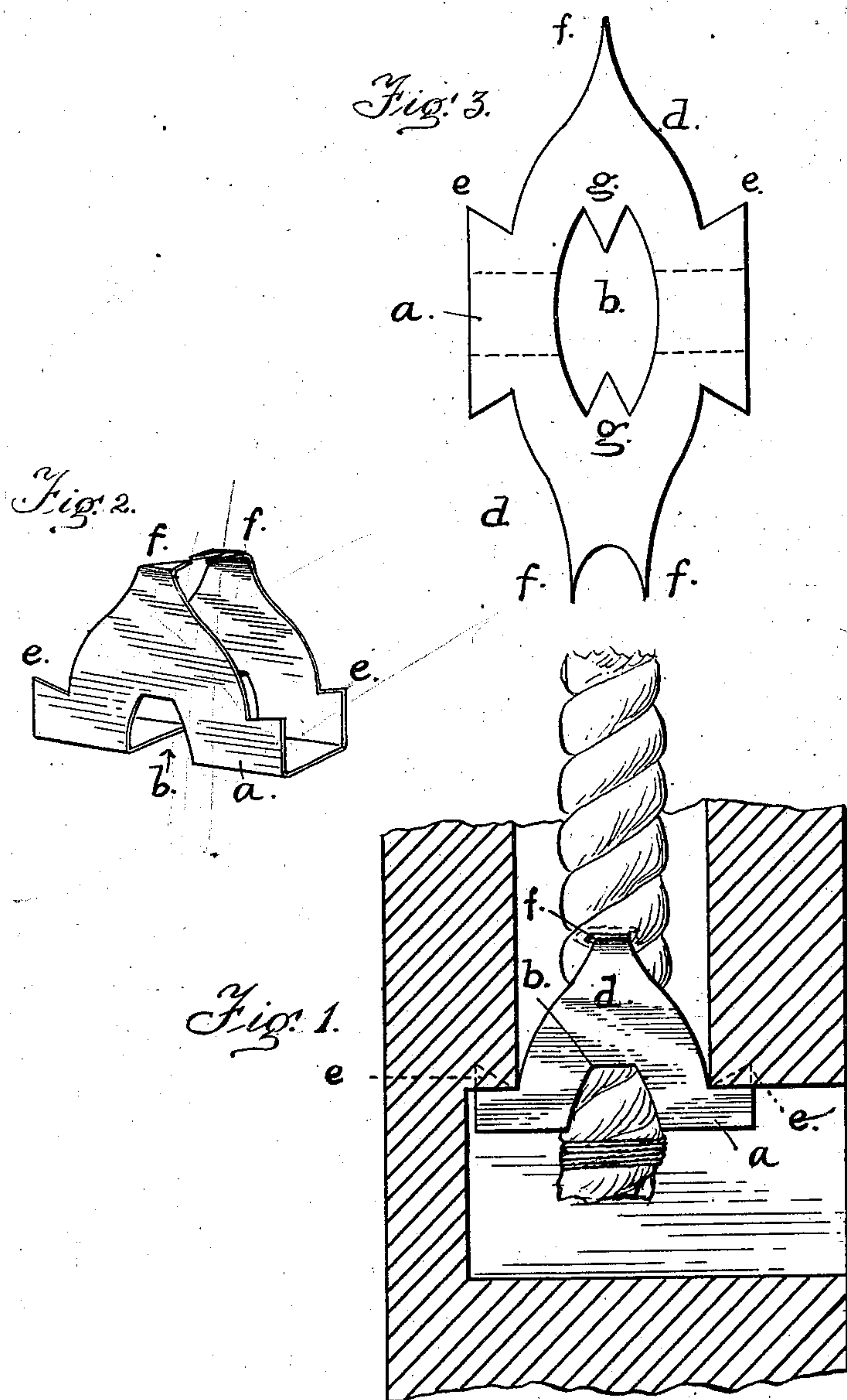


No. 700,292.

Patented May 20, 1902.

P. BARNUM.
SASH CORD FASTENER.
(Application filed Dec. 10, 1901.)

(No Model.)



Witnesses
Arthur L. Blue.
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Inventor.
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By E. C. Gibson Atty.

UNITED STATES PATENT OFFICE.

PAUL BARNUM, OF SAN FRANCISCO, CALIFORNIA.

SASH-CORD FASTENER.

SPECIFICATION forming part of Letters Patent No. 700,292, dated May 20, 1902.

Application filed December 10, 1901. Serial No. 85,312. (No model.)

To all whom it may concern:

Be it known that I, PAUL BARNUM, a citizen of the United States, and a resident of the city and county of San Francisco and State of California, have invented a new and useful Improvement in Sash-Cord Fasteners, of which the following is a specification.

This invention relates to improvements made in devices that are constructed to fasten the end of a sash-cord in the cord-groove of the sash; and it consists in a fastening device comprising certain parts adapted for operation, as hereinafter fully described, and set forth in the claims at the end of this specification.

In the following description, which explains at length the manner in which I proceed to construct my said device, reference is had to the accompanying drawings, wherein—

Figure 1 represents my improved sash-cord fastener fixed on the end of the cord in a sash, a portion of the sash adjacent to the cord-groove being shown in section. Fig. 2 is a view in perspective of the device, and Fig. 3 is a plan of the blank from which the device is formed.

The device is stamped out of sheet metal, with all its parts in one piece and with a central aperture for the rope. On opposite sides of the central aperture are two arms or gripping members, each of which is provided with a prong or prongs, both on the outer ends and at the base where the arms spring from the metal surrounding the central aperture. The arms are bent at right angles to the body, substantially parallel with each other and at proper distance apart to readily admit the cord, which is introduced between the arms and passed through the central aperture. The spurs on the ends of the arms are bent inward, so as to stand substantially at right angles to the arms. On the upwardly-stand-

ing sides of the body outside of the arms, but in substantially the same plane with the arm on each side of the device, are prongs presenting sharp points in an upward direction. These parts and features are clearly shown in the several figures of the accompanying drawings, where *a* indicates the body of the fastening; *b*, the central aperture; *d d*, the standing arms on opposite sides of the body, and *e e* the spurs or pointed extensions on the body outside of the standing arms. The spurs on the ends of the arms are indicated at *f*, and the prong at the base of the arm is shown at *g*.

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

1. The herein-described sash-cord fastener formed of a single piece of metal comprising a U-shaped body having a central aperture in the bottom; side portions standing perpendicularly to the bottom part and having spurs on their outer ends projecting inwardly; and prongs on the sides of the body beyond the side portions, standing upwardly in planes parallel with the side portions.

2. The herein-described blank, having the following parts integral with one another; the body part *a* having the central aperture *b*, the arms *d d*, terminating in pointed spurs; the prongs *e e* on the sides of the arms; and the prongs *g*; said parts forming when bent a U-shaped structure, substantially as described.

In testimony whereof I have signed my name in the presence of two subscribing witnesses.

PAUL BARNUM.

Witnesses:

HARRY J. LASK,
EDWARD E. OSBORN.