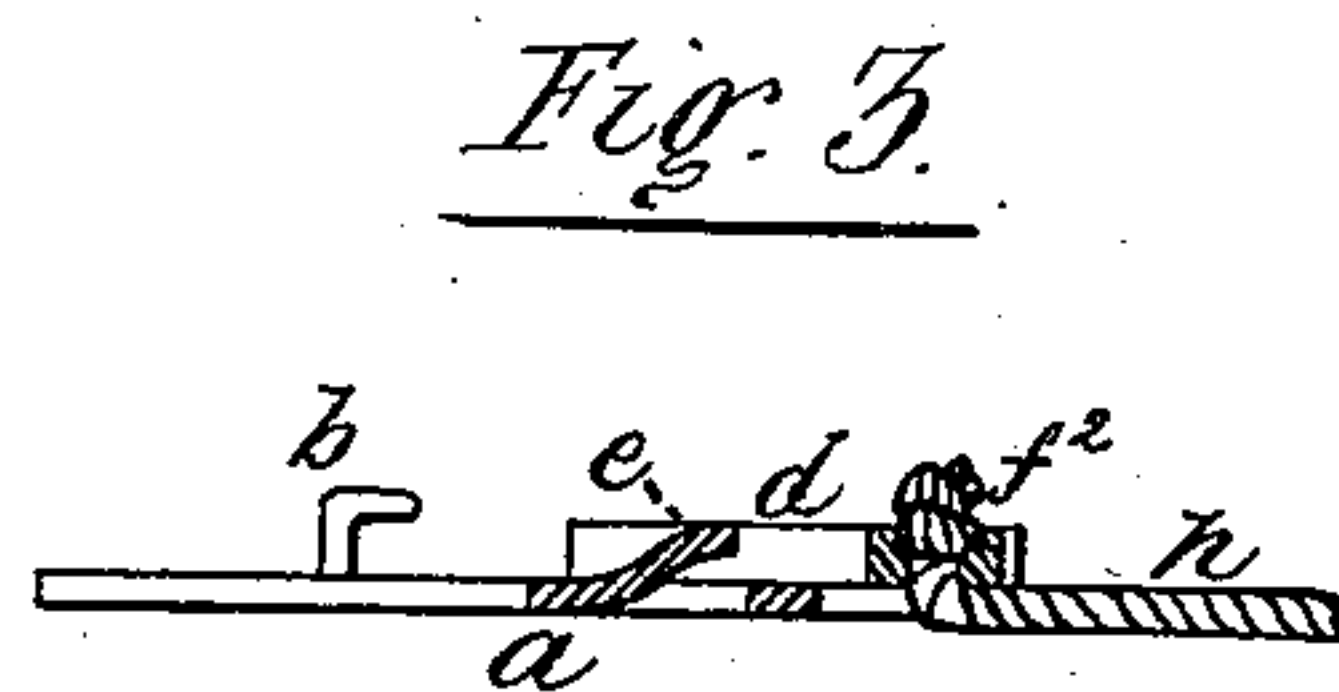
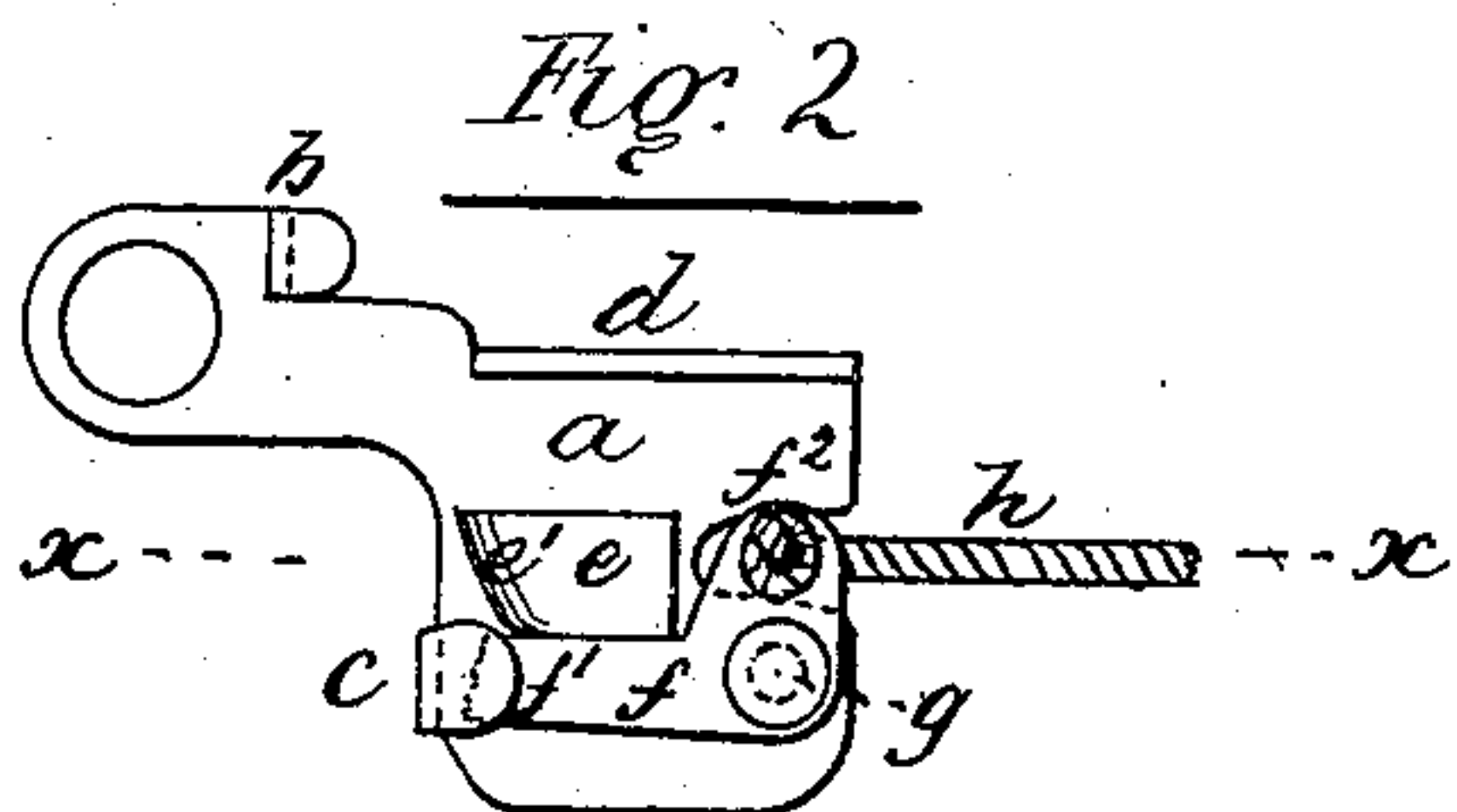
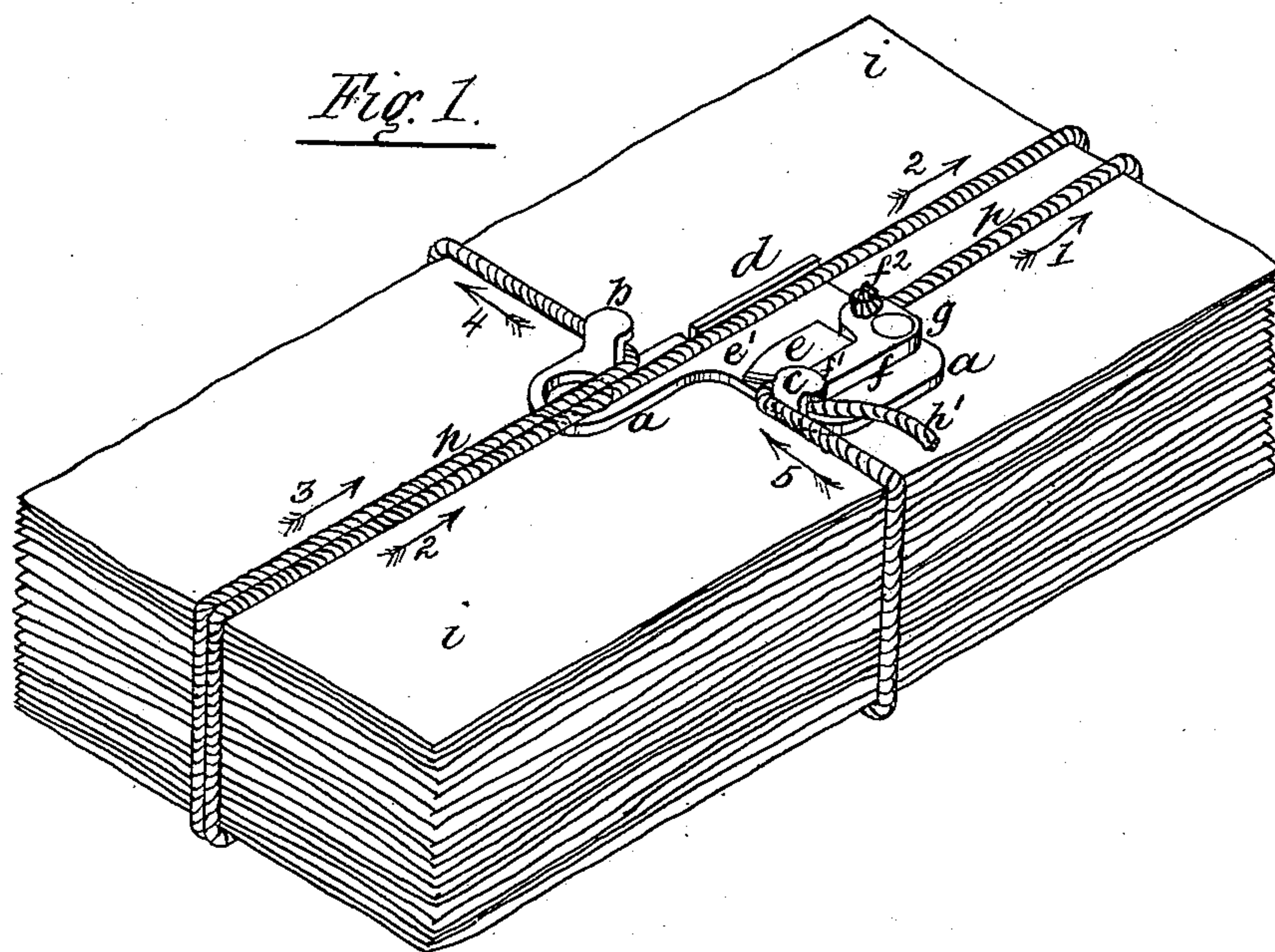


(No Model.)

P. A. O'MALLEY.
PACKAGE FASTENER.

No. 265,276.

Patented Oct. 3, 1882.



Witnesses.

S. H. Williams
E. G. Baker.

Patrick A. O'Malley.
Inventor.
per Alfred Hedrick.
Att'y.

UNITED STATES PATENT OFFICE.

PATRICK A. O'MALLEY, OF BROOKLYN, NEW YORK.

PACKAGE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 265,276, dated October 3, 1882.

Application filed February 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, PATRICK A. O'MALLEY, of Brooklyn, county of Kings, State of New York, have invented certain new and useful Improvements in Package-Fasteners, of which the following is a specification.

Letters Patent of the United States No. 238,605 were granted to me March 8, 1881, for an improved package-fastener, consisting of a plate provided with pins and a spring-acting pawl or clamp adapted to grip against one of the pins the free end of a string after it is passed around the package, the other end of the string being permanently secured to the plate or body of the device.

This invention also relates to package-fasteners, and has for its object to simplify their construction and to increase their efficiency and durability; and it consists of a body-piece composed of a suitable material—as sheet metal—cut in the desired shape and bent to form hooks, around which the binding-cord is placed, and a clamping lever or dog pivoted to the body. The binding-cord is fastened to one end of the lever clamp or dog, the other end of which is caused to clamp the free end of the cord against one of the hooks after the cord has been passed around the package and over the other hook on the body, the position of the hooks and pivotal connection of the lever clamp or dog being such that the free end of the cord is securely held between the hook and lever clamp or dog by the tension of the cord only, thus obviating the necessity of using any spring in the device, and reducing the elements of construction of this class of devices to simply the cord, hooked body-piece, and lever-clamp.

To describe my invention more particularly, I will refer to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of my improved package-fastener as applied to a bundle of papers. Fig. 2 is a plan view. Fig. 3 is a sectional elevation on line *x x*, Fig. 2.

The body piece or plate *a* is cut out of sheet metal, with hooks *b* and *c* bent or formed up above its upper surface, as shown; also with the flange *d* along one of its sides, and the stop *e* cut and formed up from its central part, as shown in Fig. 3; or this stop *e* may be a separate piece of metal riveted or soldered to the

plate *a*. The lever clamp or dog *f*, which is of the bell-crank form, as shown at Figs. 1, 2, and 3, is pivoted at *g* to the plate *a*. One of its ends, *f'*, is slightly serrated, and is located near the hook *c*, and its other end, *f''*, is provided with a hole, in which is tied the binding-cord *h*. The stop *e* is for the purpose of retaining the lever-clamp in position when the device is out of use, or when being applied to a package, and protecting the same from a blow in such a direction as might remove it from the holding-point; also, to prevent the passing of the tying-cord too close to hook *c*, thereby insuring ample space for passage of cord around said hook *c*, and its end *e'* is rounded to facilitate the placing of the free end of the cord between the hook *c* and serrated end of the clamp *f*.

In applying this fastener to a package, *i*, Fig. 1, the plate *a* is placed in the center thereof and the cord passed around it, the succession of folds or turns of the cord being indicated by the numbered arrows. The second fold (marked 3) is passed over the plate *a* and around the hook *b*, and the last fold (marked 5) is drawn or passed between the hook *c* and clamping end of the dog *f*, the tension of the other end of the cord *h* and the strain of it on the hook *b* holding the dog firmly against the free end *h'* of the cord. To release the package *i* of the fastener the free end *h'* of the cord is pulled in such a direction as will move back the dog *f*, allowing the cord to be removed from under the hook *c* while being held taut, when the whole device is readily removed.

The cord *h*, in its first fold around the package, may be passed over the hook *b*, as indicated by the arrows 3 and 4, instead of being again folded around the package, as shown by arrows 2; but when this second fold is made, then the flange *d* comes into play, as it serves to assist in holding the cord and plate *a* in position.

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

1. A package-fastener consisting of a plate having hooks formed thereon, and provided with a pivoted clamping-lever, and a binding-cord attached to one end of the clamping-lever, which is adapted to clamp the free end of the cord, after it is passed around the package,

against one of the hooks by tension and strain of the cord only, substantially as set forth.

2. In combination, the plate *a*, provided with hooks *b* and *c*, flange *d*, and stop *e*, the bell-
5 crank lever-clamp *f*, and cord *h*, substantially as and for the purpose set forth.

In witness whereof I have hereunto set my

hand, at New York, county and State of New York, this 20th day of February, A. D. 1882.

PATRICK A. O'MALLEY.

In presence of—

H. D. WILLIAMS,

E. G. BAKER.