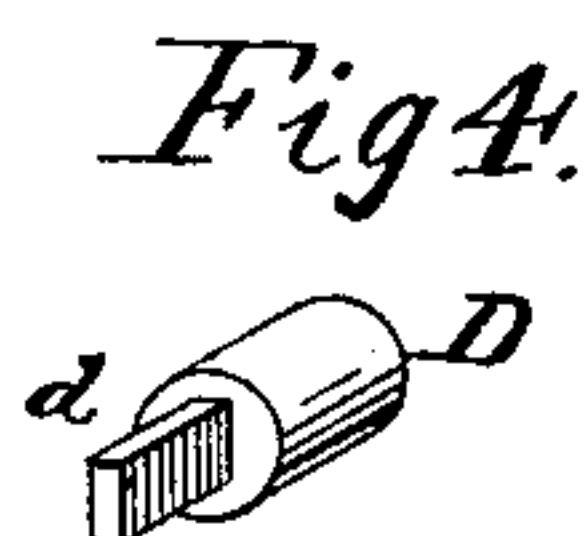
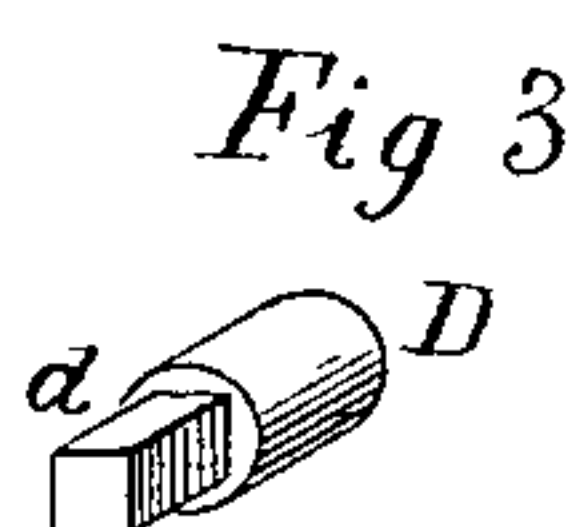
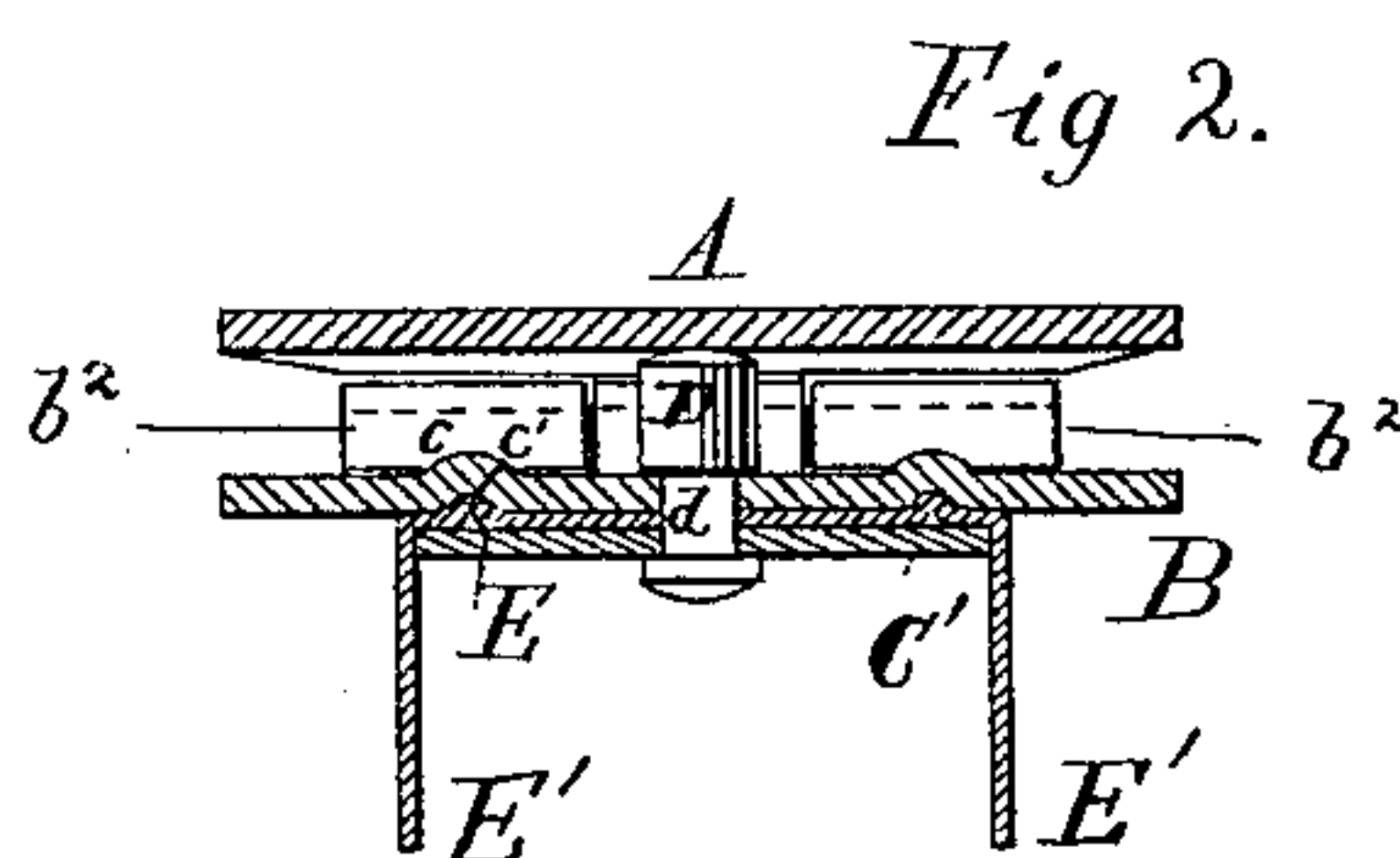
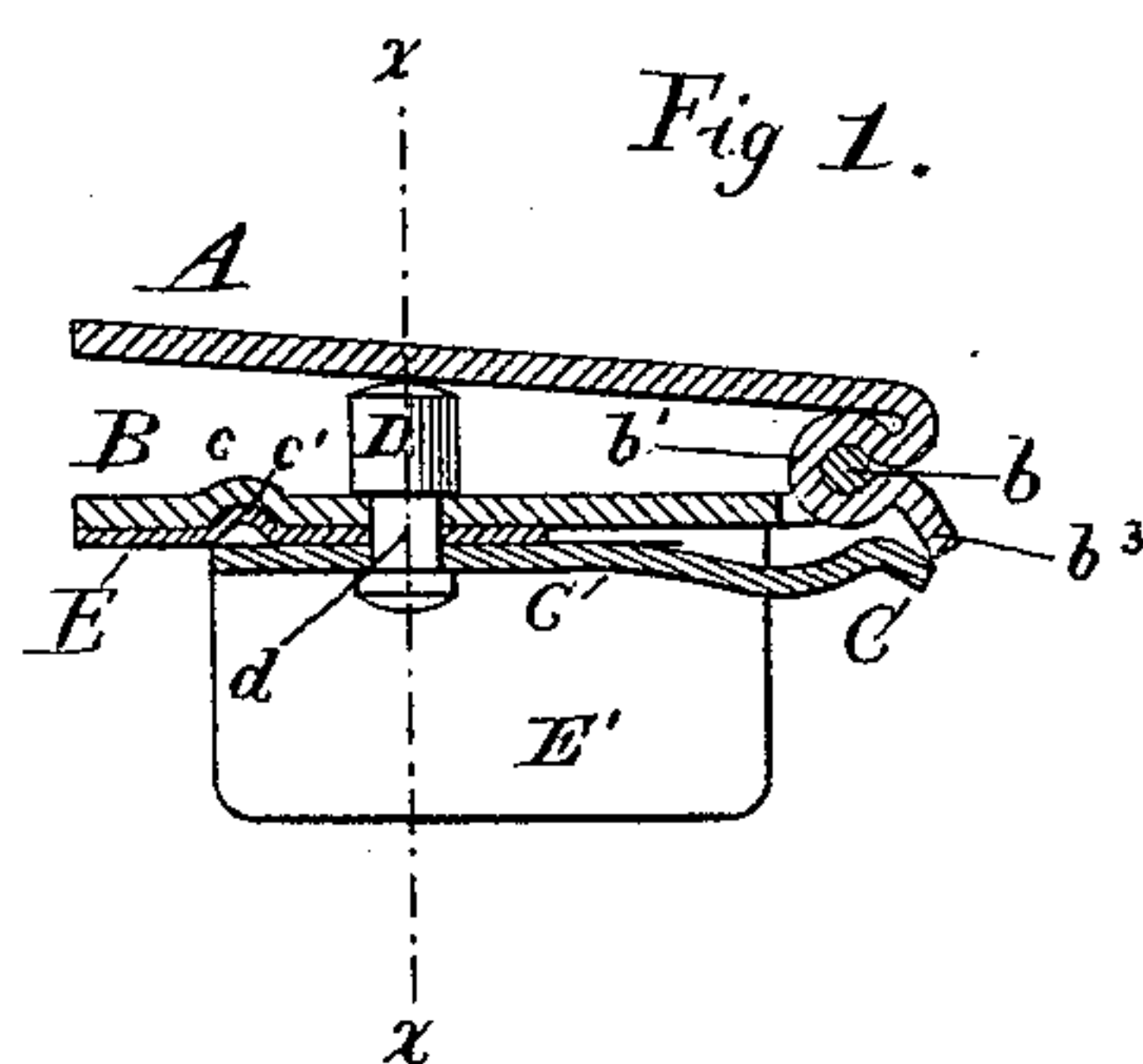


(No Model.)

R. R. DEBACHER.
CLASP FOR POCKET BOOKS.

No. 370,122.

Patented Sept. 20, 1887.



Witnesses.

Emil Kuter.
O. Sunagren

Inventor.

Robert R. Debacher.
by his attys
Brown & Hall

UNITED STATES PATENT OFFICE.

ROBERT R. DEBACHER, OF NEW YORK, N. Y.

CLASP FOR POCKET-BOOKS.

SPECIFICATION forming part of Letters Patent No. 370,122, dated September 20, 1887

Application filed June 9, 1887. Serial No. 240,692. (No model.)

To all whom it may concern:

Be it known that I, ROBERT R. DEBACHER, of the city and county of New York, in the State of New York, have invented a new and useful Improvement in Snap-Clasps for Pocket-Books, of which the following is a specification.

My invention relates to those snap-clasps for pocket-books which comprise a bottom or back plate secured to the book and a top or front plate hinged and adapted to close downward upon the end of a pin which projects from the bottom or back plate, and to hold the perforated flap of the pocket-book upon such pin or stud. The hinge-bearer, which is upon the front or top of such clasp, has commonly a snap-lip, upon which bears a spring with which the back or bottom plate is provided, and in a very ordinary construction there is secured upon the back surface of the back plate or bottom a flanged plate which has spurs, flanges, or projections bent at right angles, and between the said flanges, spurs, or projections lies a spring-plate which bears upon the lip of the top. It is therefore necessary in such a clasp to maintain the flanged plate or fastening-plate and the spring against turning relatively to the bottom or back plate, as by any such turning the spring would get out of place from the snap-lip on the top.

Ordinarily the pin which projects from the back plate or bottom, and which receives upon it the perforated flap of the pocket-book, has a shank forming a rivet to secure the bottom, the flanged plate, and the spring together; and one feature of my invention consists in the combination, with the bottom or back plate and the hinged top or front plate of a pocket-book snap-clasp, of a flanged or fastening plate and a pin having a shank inserted through holes in the plates and riveted, the shank and holes being substantially rectangular or otherwise constructed, so that their walls have different projection from their centers at different points in their circumference. Such a pin is distinguished from that which is ordinarily used for the purpose by having its shank portion substantially rectangular in transverse section or interlocked with the holes in the plates, instead of having its shank round and fitting circular holes in the plate.

Another feature of my invention consists in the combination, with the bottom or back plate and the hinged top or front plate of a pocket-book snap-clasp, of a flanged or fastening plate and a pin having a shank inserted through both the bottom or back plate and the flanged or fastening plate and riveted to secure said parts together, the bottom or back plate also having in its surface one or more indentations receiving projections on the flanged or fastening plate to prevent their turning one relatively to the other. I am aware, in this connection, that in snap-clasps heretofore made the back or bottom plate and the fastening-plate have been provided one with a perforation and the other with a spur passing through said perforation and riveted over; but according to my invention the metal of the bottom or back plate is indented without being perforated, as is the metal of the flanged or fastening plate, and consequently the appearance of the clasp is improved and the riveting over of any spurs after the parts are assembled together is avoided.

In the accompanying drawings, Figure 1 is a transverse section of a snap-clasp embodying my invention, in a plane transverse to the length of the hinge-pin connecting its parts. Fig. 2 is a similar section on about the plane indicated by the dotted line *xx*, Fig. 1; and Figs. 3 and 4 are perspective views of two forms of pins which may be employed, and which differ slightly from each other, although both embody my invention.

The drawings are made upon a scale somewhat larger than actual size, and in the several figures similar letters of reference designate corresponding parts.

A designates a front plate or top, and B the back plate or bottom, which in this example of my invention are directly connected by a hinge-pin or pintle, *b*, received in a suitable bearer, *b'*, upon the top A, and in other bearers, *b²*, upon the bottom B. The top also has a snap-lip, *b³*, which in this example of my invention is formed integral with the bearer *b'* and with the top, and on which the spring C bears to hold the top either closed down upon the head of the pin D or swung back so as to expose said pin D.

E designates a flanged plate which is se-

cured upon the back of the bottom B, and which has flanges, prongs, or spurs E' bent at right angles to it and parallel with each other, to provide for securing the clasp upon the 5 pocket-book, and between the flanges, prongs, or spurs E' is fitted the spring-plate C', from which the spring C projects. As is common in clasps of this character, the pin D has a shank, d, which passes through holes in the 10 bottom B and in the plate E and in the spring-plate C', and is riveted over to secure those parts together. Ordinarily the shank d is round and fits circular holes in the several parts; but according to my invention the 15 shank d is square, as shown in Fig. 3, or substantially rectangular or flattened, as shown in Fig. 4, and fits corresponding holes in the several plates; or the shank and holes are of form other than round and their walls have 20 different projection at different points in their circumference. Consequently, if these holes are formed so as to snugly receive the shank d, and the shank is then riveted over, the parts are held against turning one relatively to the 25 other.

As an additional means for preventing the parts from turning one relatively to the other, and which is applicable whether the shank d be round or substantially rectangular, as here 30 shown, I form in the back plate or bottom B, and upon its back surface, indentations c, which receive corresponding projections, c', upon the plate E.

In Fig. 1 I have represented a single indentation and projection c c' as behind and in 35 line with the pin D, and in Fig. 2 I have represented two indentations or creases on opposite sides of the pin and receiving corresponding projections, c', upon the plate E. One or more 40 indentations or projections arranged in any part of the area of the plates B and E may be employed for the purpose described. In this connection I am aware that the bottom B has been formed with a perforation or slot, and 45 that a spur or tongue cut out from the plate E has been inserted through such perforation or slot and riveted over; but by this method of manufacture the appearance of the clasp is somewhat impaired, and to connect the parts 50 it is necessary to rivet over the spur or spurs

which project from the plate E through the one or more slots in the back plate or bottom B. According to my invention, the indentations and projections c c' are formed by the 55 same dies which blank out the pieces, and no riveting over or bending of any spurs or projections is required.

It is obvious that if the shank d of the pin D were round the plates B E could turn one 60 relatively to another and shift the spring C out of proper bearing position on the lip b'. By describing the shank of said pin as interlocked with the holes in the plates I mean 65 that the shank and the holes in the plates are of square, rectangular, oval, or polygonal shape, so that by the shank the plates are not only held together, but are locked against 70 turning one relatively to the other, as they cannot be by simply riveting over the end of a round shouldered pin, and which, I am aware, has often heretofore been done.

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

1. The combination, with the bottom or back 75 plate and the hinged top or front plate of a pocket-book snap-clasp, of a flanged or fastening plate and a pin, D, having a shank or end portion which is inserted through holes in said plates and riveted, the walls of the shank and 80 holes having different projection from their centers at different points in their circumference to prevent the turning of the plates one relatively to another, substantially as herein 85 described.

2. The combination, with the bottom or back 85 plate and the hinged top or front plate of a pocket-book snap-clasp, of a flanged or fastening plate and a pin having a shank inserted through the bottom or back plate and the 90 flanged or fastening plate and riveted to secure said parts together, the bottom or back plate having in its inner surface one or more indentations receiving projections on the 95 flanged or fastening plate to prevent their turning one relatively to the other, substantially as herein described.

ROBERT R. DEBACHER.

Witnesses:

C. HALL,
FREDK. HAYNES.