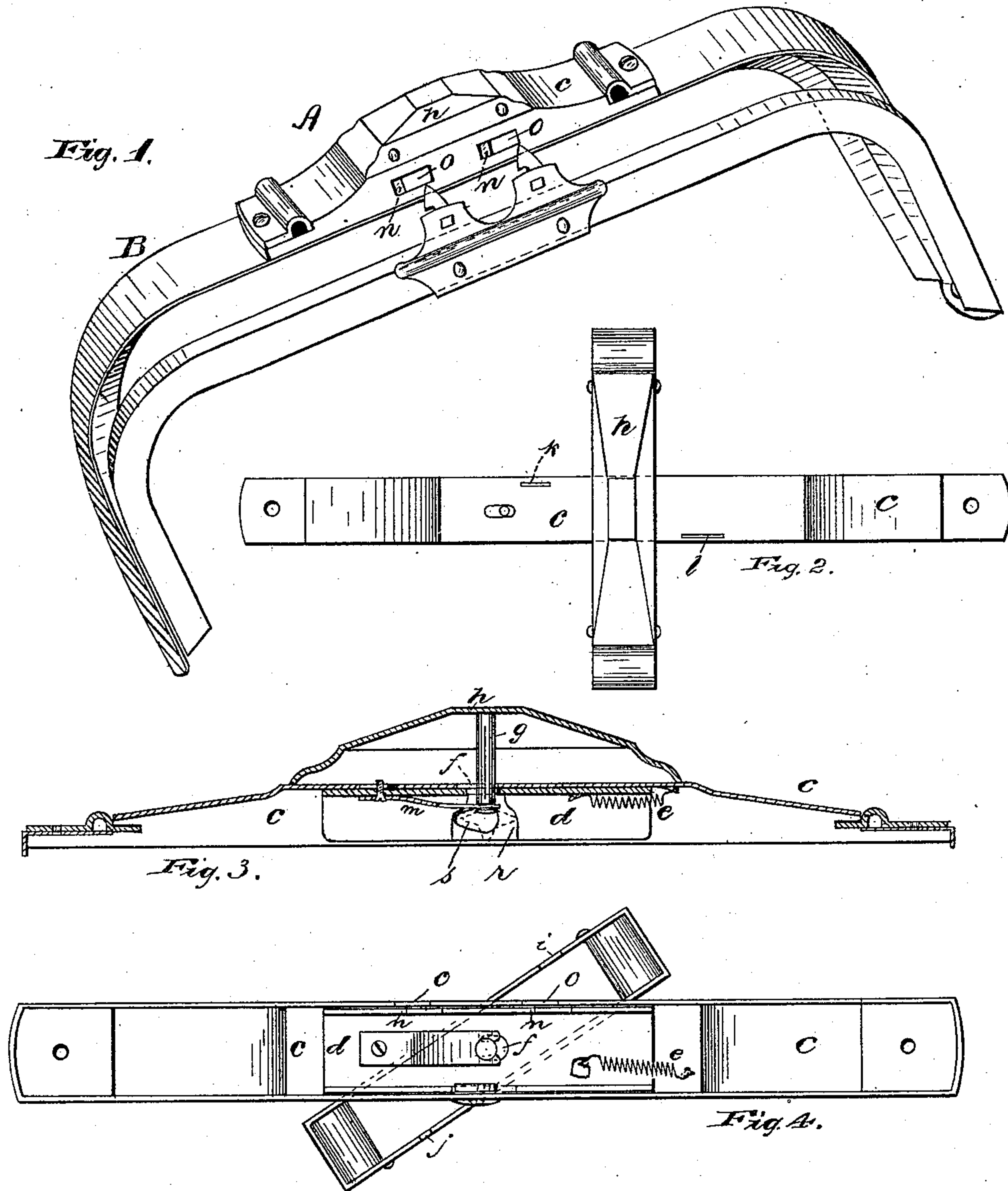


(Model.)

R. FLOCKE.
BAG OR SATCHEL LOCK.

No. 287,114.

Patented Oct. 23, 1883.



Attest:

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UNITED STATES PATENT OFFICE.

ROBERT FLOCKE, OF NEWARK, NEW JERSEY.

BAG OR SATCHEL LOCK.

SPECIFICATION forming part of Letters Patent No. 287,114, dated October 23, 1883.

Application filed July 20, 1883. (Model.)

To all whom it may concern:

Be it known that I, ROBERT FLOCKE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag and Satchel Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to secure a more perfect bag or satchel lock, whereby persons are more effectually prevented from surreptitiously abstracting the contents of the bag or satchel to which it is attached.

It consists in the combinations and arrangements of parts, substantially as will be hereinafter set forth, and finally embodied in the claims.

Referring to the accompanying drawings, in which similar letters of reference indicate like parts in each of the several figures, Figure 1 is a perspective view of a satchel-frame to which my improved device has been attached. Fig. 2 is a plan of a lock-box, showing a revolving finger-piece out of longitudinal engagement therewith, and showing certain slots or recesses to receive lugs or projections on the said finger-piece. Said finger-piece is connected with the latch-bolt, having a longitudinal motion therewith. Fig. 3 is a longitudinal section and shows such connection. Fig. 4 is a reverse plan of the lock, or a plan showing the under side of the lock and the mechanism therein contained.

In carrying out my invention I form a lock, A, adapted to be arranged upon the frame B, of which lock C is the lock-box, carrying therein the latch-bolt *d* and spring *e*, having a normal tendency to keep the bolt in a position to lock the sections of the frame together. The lock-box is adapted to be properly secured to the bag-frame, and is provided with an oblong slot in its upper face, through which passes a pivotal stud, *g*, having the revolving finger-piece *h* secured to its upper extremity. Said finger-piece, when arranged and lying in longitudinal relation to the lock-box *c*, apparently forms a part thereof and seems to per-

form no function other than to ornament the device. The lower edges of said revolving finger-piece are provided with lugs *i j*, adapted to engage with perforations, slots, or recesses *k l* in the top plate of the box *c*. The relative sizes of the perforations and lugs are such as that when the lugs are in one engagement a slight longitudinal movement, sufficient to draw the lips *n*, Figs. 1 and 4, back from over the openings *o* in the lock-box, is allowed. When the revolving finger-piece is revolved and the projection *i* enters the slot or recess *k*, the two being approximately equal in size, no such longitudinal movement will be possible, as will be well understood. The lower extremity of the stud is recessed to receive the spring *m*, which latter has a normal tendency to draw the stud downward, and to thus hold the finger-piece into engagement with the box *c*. Thus, when the finger-piece is revolved from one relation to the other and the lugs brought into juxtaposition with the slots, the force of the said spring *m* causes the former to pass into the latter with a snap, and to be held therein until the finger-piece is raised by the hand. This latter action is facilitated by side lugs, *p*, Fig. 2, which prevent the fingers from slipping in the raising process.

It will be seen that the finger-piece and stud *g* are adapted to throw the bolt longitudinally forward when the said finger-piece is in an unlocked relation to the box, and that the finger-piece and stud are held immovable on the box when reversed and locked by the lugs *i j* engaging with the recesses *k l*. It will further be observed, upon reference to Fig. 3, that the bolt *d* is provided with a slot through which the stud *g* passes, which slot allows a motion to the bolt independent of the stud and finger-piece thereon. By this arrangement, when the finger-piece is locked or immovable, the bolt may still be moved backward by the hasps or tongues on the opposite jaw of the frame engaging with said bolt through the openings *o* in the lock-box. This feature is of considerable importance, as heretofore, when the bolt and finger-piece were in rigid relation to one another and were locked, it was necessary to unlock the parts with a key before the jaws could be closed together.

Should I desire to give greater security to the lock, I may arrange a stop, *s*, in connec-

tion with the bolt *d*, to prevent any longitudinal movement thereof. To accomplish this I form an aperture, *r*, in the bolt *d*, into which I arrange the before-mentioned stop. Said stop is cam-shaped, or has one diameter longer than the other, the shorter diameter being less than the width of the aperture, and thus allowing a movement of the bolt, while the cam at its longer diameter reaches from side to side of the aperture, filling the latter and preventing any movement of the bolt, all as will be understood upon reference to Fig. 3. Said cam-stop is pivoted on the side wall of the lock-box, the pivot thereof passing through said wall and being provided with a finger-piece, (indicated in outline, Fig. 3,) whereby the stop is manipulated to hold or release the bolt.

Having thus described my invention, what I claim as new is—

1. The combination, with the lock-box *c* and bolt *d*, of the finger-piece *h*, adapted to be revolved and moved longitudinally with the bolt, substantially as and for the purposes set forth.

2. In combination, the lock-box having slots or recesses *k l*, and the revolving finger-piece having a longitudinal movement on said box and with the bolt lying therein, and provided with the projections *i j*, all said parts being arranged and operating substantially as set forth.

3. In combination, a lock-box, a bolt slid-

ing therein, a revolving finger-piece, a stud, *g*, connecting the bolt and finger-piece and working in the slot *f*, and the spring *e*, all said parts being arranged and operating substantially as set forth.

4. In combination, the lock-box *c*, the finger-piece *h*, pivotal post or stud *g*, spring *m*, bolt *d*, and spring *e*, all arranged and operating substantially as set forth and shown.

5. In combination, the lock-box *c*, provided with an oblong slot, *f*, and slots *k l*, the box *h*, provided with lugs *i j*, to engage with said slots, a stud, *g*, acting as a pivot for said box and having a longitudinal motion in said slot, a spring engaging with the said stud, the bolt *d*, and spring *e*, all arranged and operating substantially as and for the purposes set forth and shown.

6. In combination with the sliding bolt arranged in the lock-box, the stop-cam pivoted on the said box and working in a recess in the bolt, substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 12th day of July, 1883.

ROBERT FLOCKE.

Witnesses:

CHARLES H. PELL,
F. F. CAMPBELL.