

(No Model.)

R. FLOCKE.
BAG, SATCHEL, &c.

No. 339,052.

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Fig. 1.

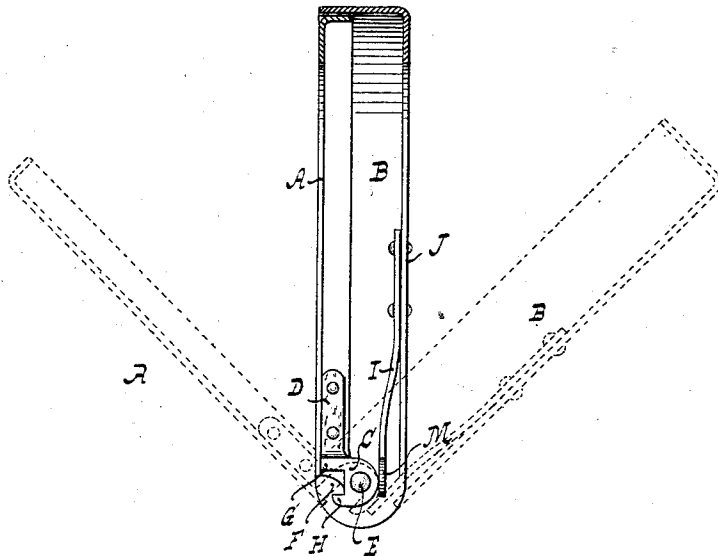


Fig. 2.

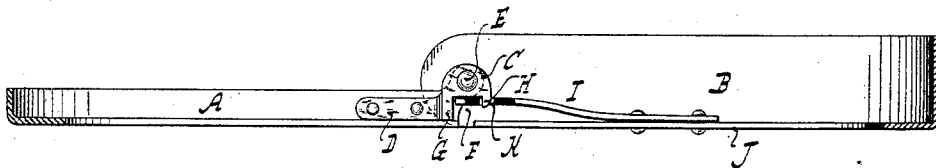


Fig. 3.

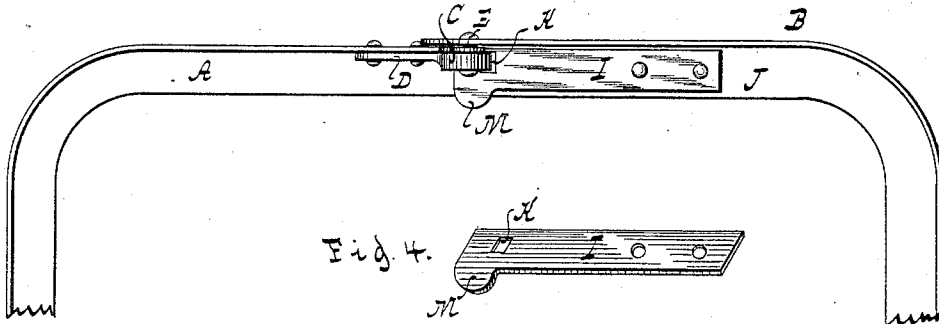
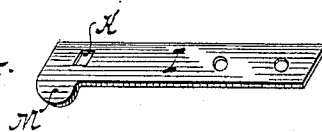


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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SPECIFICATION forming part of Letters Patent No. 339,052, dated March 30, 1886.

Application filed January 18, 1886. Serial No. 188,982. (No 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 new and useful Improvements in Bags, Satchels, and Similar Articles, of which the following is a specification.

This invention relates to traveling bags, satchels, and similar articles; and it consists in an improvement in means for holding the jaws of the bag or satchel frames open, when desired—as, for instance, when the bag or satchel is to be packed for a journey, and also when it is to be unpacked, at which times it is desirable that the frame be distended and held open so as to expose the interior of the bag and give one free access to it.

This improvement consists in a toothed block which is secured to one of the jaws of the frame at the end where the jaws are hinged to each other, the block being so situated that the pin of the hinge passes through it, the construction being such that the block constitutes in effect part of the hinge, the pintle passing through the block. The block has a recess on one edge, and at the ends of the recess are two teeth, one of which, when the frame is open, engages a slot in the free end of a spring-plate secured to the other jaw. When the frame is closed, the spring-plate bears on the rounded back of the block. On turning the jaws of the frame so as to open it, the recessed edge of the block turns with the jaw to which it is attached so as to bring its toothed and recessed edge opposite the spring, when the teeth or one of them on the block engages the slot in the spring-plate, and at the same time a part of the spring-plate adjoining the slot falls into the recess of the block, and by these means the jaws are locked in their open position. When the jaws are to be closed, the spring-plate is pressed away from the block until it is freed from the tooth and recess of the block, and the jaws can be brought together again.

The construction and operation of the device are shown in the accompanying drawings, in which—

Figure 1 is a cross-section taken through the frame when closed, the dotted lines showing the frame half-way open. Fig. 2 is a cross-section taken through frame when fully open.

Fig. 3 is a plan or top view of one end of the frame when fully open. Fig. 4 shows the spring-plate detached.

Similar letters indicate corresponding parts. The letters A B designate the jaws of a bag or satchel frame to which this invention is applied.

C is a toothed block, which is secured to the inner side of the jaw A, near its end, by means of a flange, D, which extends upward from the block and is riveted to the jaw A in such a position as to make the block co terminous with the end of the jaw. The block is further secured to its place by means of the hinge by which the ends of the jaws A and B are connected and on which they turn, the pintle E of said hinge intersecting and passing through the block as well as through the ends of the two jaws. The block C is, substantially, a prolongation of the horizontal portion of the jaw A—that is to say, of that part of the jaw which passes within the outer jaw, B, when the frame is closed, and consequently the block moves and turns with the jaw A, of which it forms a part. The block C has upon one edge a recess, F, and two teeth, G H, at the ends of the recess. The opposite edge of the block is rounded off so that it can be turned without meeting with much resistance from its contact with the spring-plate I. The spring-plate I is secured by its upper end to the inner side of the vertical part J of the outer jaw, B, in such a manner that its free end extends as far as the block C, against which it exerts a constant pressure. The free end of the spring has a slot, K, cut in it, which receives the tooth H of the block when the block is turned in the proper direction—that is to say, when the jaws A B are turned on their hinges so as to throw the frame open. At the same time that the tooth H engages the slot K the solid part I of the spring, or the part which extends from the slot to the end of the spring, rises into the recess F of the block, the entrance of the tooth H into the slot of the spring, and the entrance of the solid end of the spring into the recess of the block being simultaneous. This engagement of the block and spring-plate locks the two jaws in their open position. In order to close the jaws it is necessary to withdraw the spring-plate from the recess of the block and from the tooth H.

This is effected by pressing the free end of the spring-plate downward, the outer end of the spring-plate being formed with a thumb-piece, M, to give the proper bearing-surface.

5 This improvement may be placed at each end of the bag-frame, if desired.

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

10 1. The toothed block C, secured at the end of the jaw A of a bag or satchel frame, in combination with the spring-plate I, secured to the outer jaw, B, the block C being placed on the pintle of the hinge which connects the two jaws to each other, substantially as shown and de-
15 scribed.

2. The combination of the block C, having

a recess, F, and teeth G H on one edge, the slotted spring-plate I, the jaws A B, and the hinge on which the said jaws and the block turn, substantially as shown and described. 20

3. The jaw having a recessed and toothed prolongation beyond its hinged end, in combination with the jaw B and the slotted spring-plate I, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

ROBERT FLOCKE. [L. S.]

Witnesses:

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W. HAUFF.