

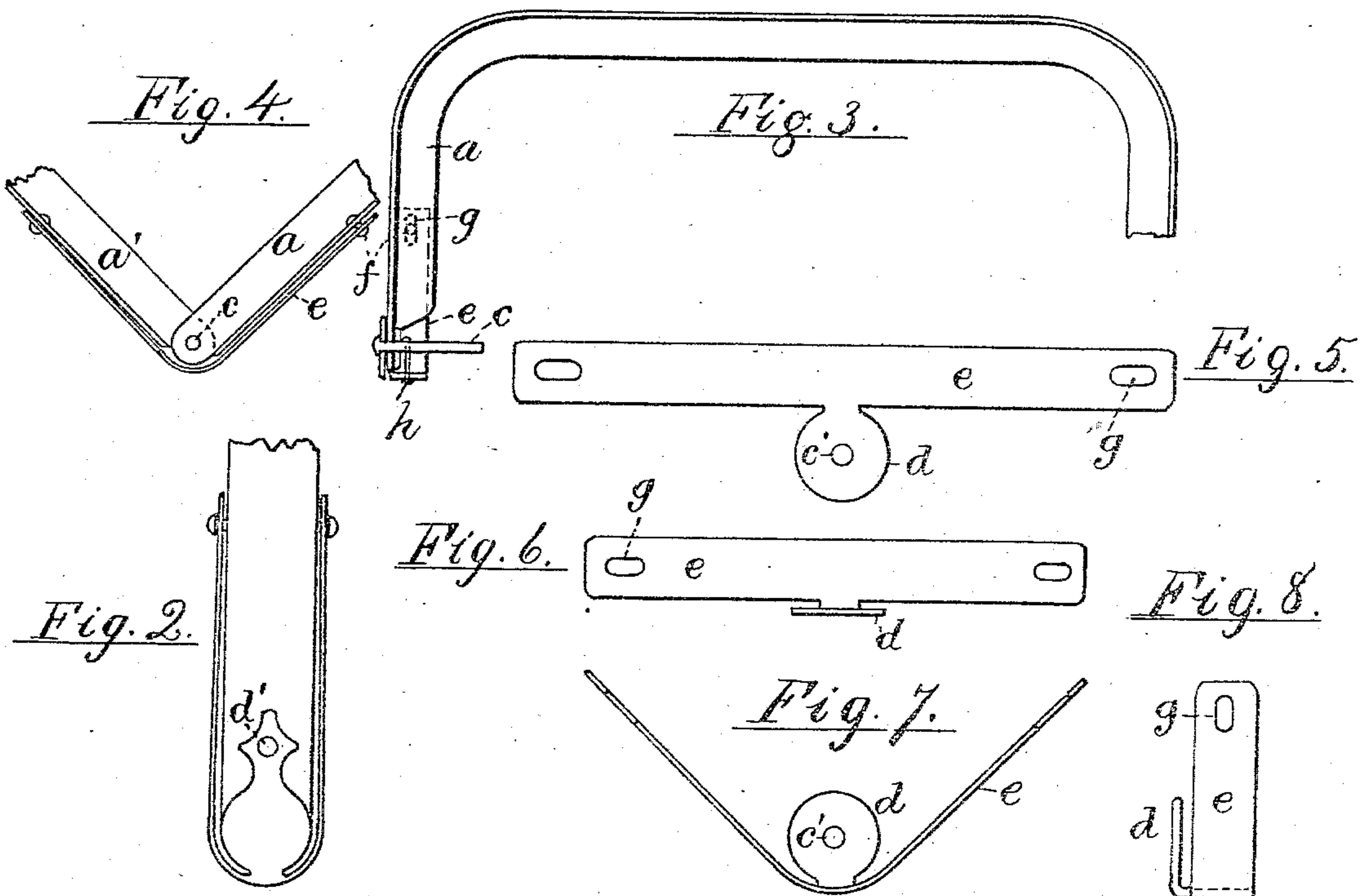
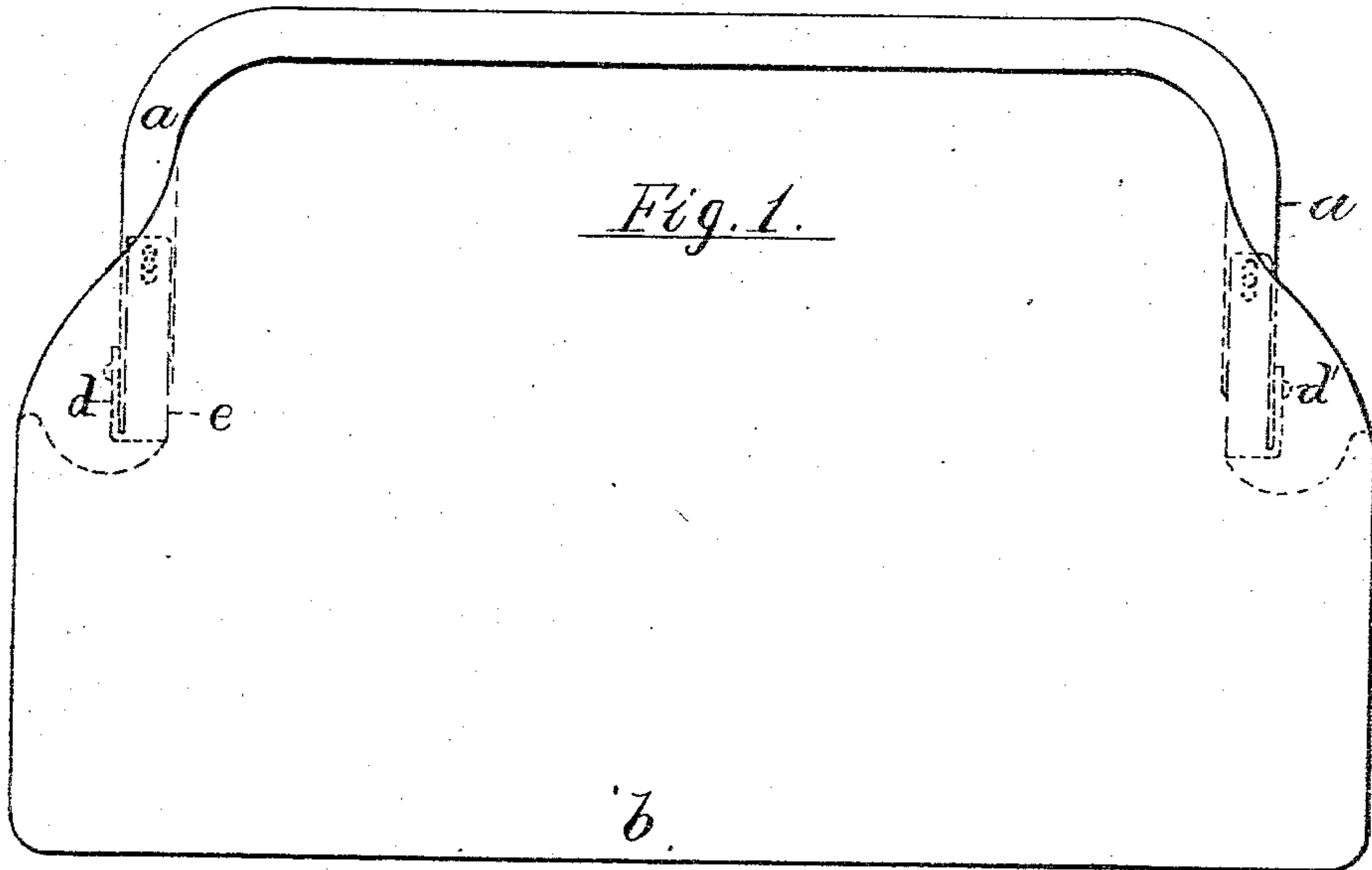
(No Model.)

R. C. JENKINSON.

BAG AND SATCHEL FRAME SPRING.

No. 321,505.

Patented July 7, 1885.



Attest.

L. Lee.

Henry J. Thebeath.

Inventor.

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# UNITED STATES PATENT OFFICE.

RICHARD C. JENKINSON, OF NEWARK, NEW JERSEY.

## BAG AND SATCHEL FRAME SPRING.

SPECIFICATION forming part of Letters Patent No. 321,505, dated July 7, 1885.

Application filed February 18, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD C. JENKINSON, a citizen of the United States, residing in the city of Newark, county of Essex, and State of New Jersey, have invented certain new and useful Improvements in Bag and Satchel Frame Springs, fully described and represented in the following specification, and the accompanying drawings, forming a part of the same.

The object of this invention is to open the bag or satchel automatically when the catch or lock of the same is unfastened; and it consists in a combined spring and cap constructed as herein set forth, and applied at the outside of the bag-hinge, as described.

In the annexed drawings, Figure 1 is a side view of a satchel provided with my improvement. Fig. 2 is an end view of the joints and springs on the same, with spring of same form as in Fig. 1. Fig. 3 is an inner side view of a joint, with spring of different construction. Fig. 4 is an inside end view of the same joint. Fig. 5 is a blank for a combined spring and cap. Fig. 6 is a plan of the same when bent. Fig. 7 is an end view of the same when bent, and Fig. 8 is an edge view of the same.

$a$   $a'$  are the two sides of the frame;  $b$ , the bag or the satchel attached thereto;  $c$ , the hinge rivet or pin;  $d$ , the cap, usually secured to the frame over the end of the pin  $c$ , and  $e$  the leaf-spring applied to the outsides of the frame  $a$   $a'$  at the hinge.

Heretofore springs have been applied to the hinge inside the bag-frame to open the mouth of the bag in the desired manner; but such springs being in close proximity to the contents of the bag, the ends or coils of the spring have frequently caught in such articles as were pressed against them, and thus caused annoyance to the user.

In my construction the spring is applied entirely to the outside of the frames, and cannot therefore interfere with the contents in any manner, and by the constructions shown herein the spring is combined with the cap, which is commonly applied over the end of the hinge-rivet, so as to involve very little additional expense in making the frame, while in all cases it is applied to the hinge where

the fabric or covering of the bag cannot be closely jointed to the frame, and serves to cover the union of these two elements in a very neat manner and without leaving the gap which is quite common between the leather and the ends of the frame beyond the pivot.

In Figs. 3 and 4 the leaf-spring is shown as applied to the outside of the frames  $a$   $a'$  by attaching the ends of the leaf to the frames a short distance (as an inch and a half) from the hinge by means of a headed pin or rivet,  $f$ , the ends of the leaf being preferably slotted, as at  $g$  in Fig. 3, to permit the sliding of the same, as required, when the bag is opened. The middle of the spring is shown fastened to the pivot in Fig. 3 by a rivet,  $h$ , which may be dispensed with, if desired, as the cap  $d$  serves to keep the spring in line with the frames; but such rivet is preferable to hold the spring over the leather at the point where it is liable to bulge at the hinge and make a disagreeable gap when the bag is opened. The spring is shown combined with the cap in all the other figures, Figs. 1 and 2 showing the cap riveted to the outer frame,  $a$ , at  $d'$ , just above the pin  $c$ , and applied over the end of the pin  $c$  to conceal the same; but Figs. 5 to 8, inclusive, show the cap of circular form with a hole,  $c'$ , in the center, and adapted to fit upon the end of the pin  $c$  and be held in place, but free to turn by a riveted head upon the pin.

The cap and spring are combined by cutting out a blank of suitable shape, as in Fig. 5, to form them both in one piece when bent into their proper form, the cap appearing as attached to the middle of the spring near one edge. Fig. 6 is a top view of the spring and cap when bent into form ready for attachment to the frame. Fig. 7 shows the cap bent up from the middle of the spring and the ends of the spring bent partially toward one another, and Fig. 8 represents the same in an edge view similar to that shown upon the frame in Fig. 1.

My invention may obviously be applied to the jointed frame of any class of bag, wallet, or satchel; and having already distinguished my invention from others, I claim the same in the following manner:

1. The combination, with the frames *a* and *a'* and their hinge-pin *c*, of the combined cap *d* and leaf-spring *e*, substantially as herein set forth.

- 5 2. The combined cap and leaf-spring for a riveted bag-hinge, consisting in the leaf *e*, having the cap *d*, formed at one side thereof and in one piece therewith, substantially as herein shown and described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses. 10

RICHARD C. JENKINSON.

Witnesses:

THOS. S. CRANE,  
L. LEE.