

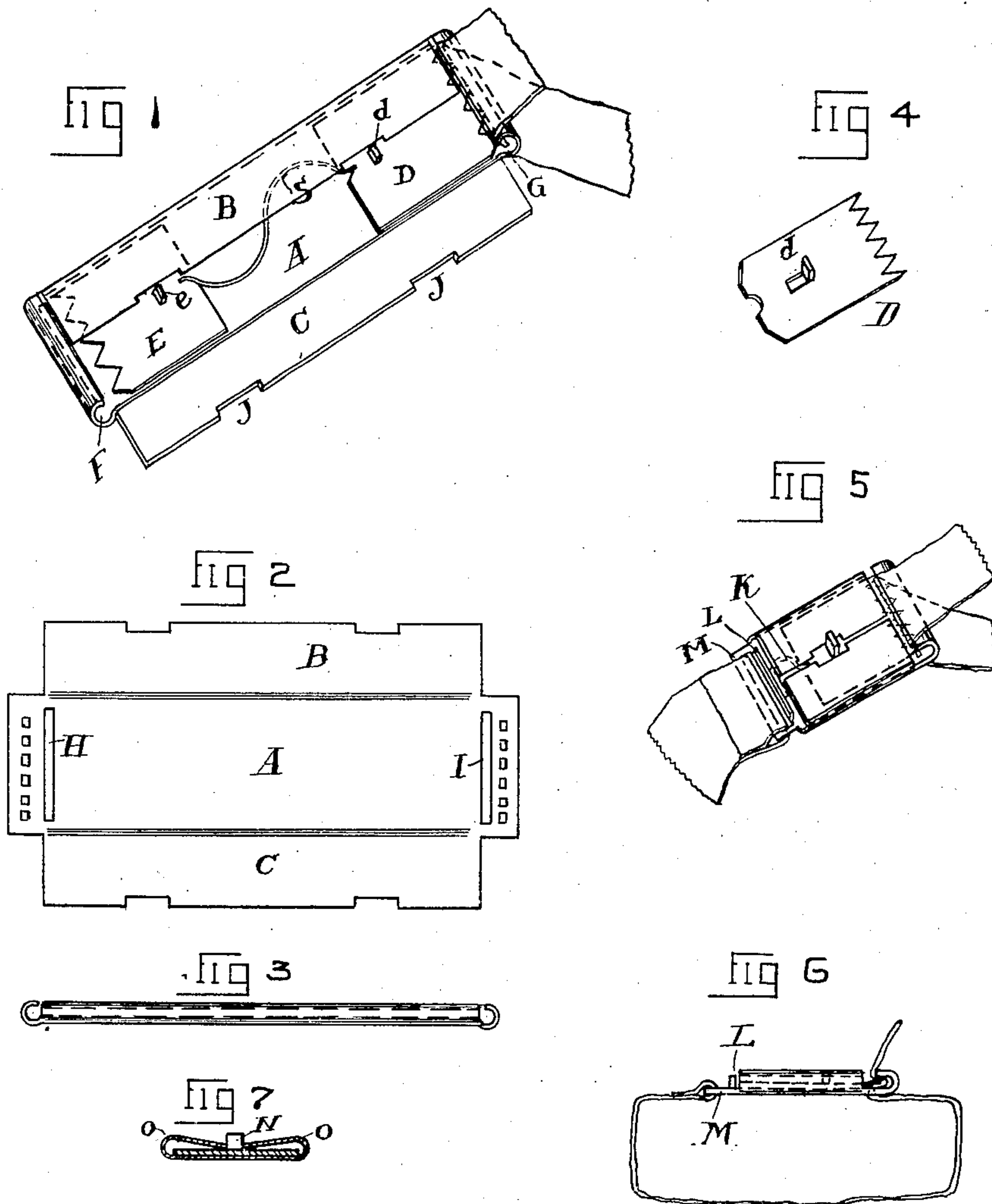
No. 735,892.

PATENTED AUG. 11, 1903.

W. C. MARTINEAU.  
TAPE FASTENER.

APPLICATION FILED JUNE 11, 1902.

NO MODEL.



WITNESSES

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# UNITED STATES PATENT OFFICE.

WILLIAM C. MARTINEAU, OF ALBANY, NEW YORK, ASSIGNOR OF ONE-FOURTH TO JOHN R. SLACK, OF ALBANY, NEW YORK.

## TAPE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 735,892, dated August 11, 1903.

Application filed June 11, 1902. Serial No. 111,203. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM C. MARTINEAU, a citizen of the United States of America, and a resident of the city and county of Albany, State of New York, have invented certain new and useful Improvements in Tape-Fasteners, of which the following is a specification.

My invention relates to improvements in devices for automatically grasping and holding a tape, ribbon, strap, or other material; and the object of my invention is to provide an automatic fastener which may be used in the place of a buckle or where it is required to fasten a strap, tape, or other article. I attain this object by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my tape-fastener. Fig. 2 is a plan of the casing. Fig. 3 is a side elevation of my tape-fastener; Fig. 4, a perspective view of one of the blades. Fig. 5 is a perspective view of a modified form. Fig. 6 is a side elevation of the modified form shown in Fig. 5. Fig. 7 is a cross-section of a modified form in which the pin by which the blade is withdrawn is protected by the sides of the casing.

Similar letters refer to similar parts throughout the several views.

The casing, preferably constructed of some light thin metallic substance, is provided with a portion A, having portions B and C adapted to be folded over the portion A. Between the portions A and B C when the latter are folded over the portion A, I arrange the blades D and E. I place a spring S, arranged to engage with each of said blades, in such a manner that the tendency of the spring will be to force the blades apart. The blades may be provided with a serrated edge, as shown in the drawings, or the edge may be made in different form, as desired, in some instances it being preferable that the blades should not have a pointed edge, because of injury that might be done to a ribbon or other delicate fabric with which it is to engage.

The ends of the casing are preferably curved

to form the grooves F G, and slots H I are made in the portion A of the casing adjacent to said grooves, respectively.

I preferably bend downward away from the portion A of the casing that part forming the grooves F and G, as shown in Figs. 1 and 3.

Each of the blades is provided with a lug *d e*, respectively, arranged to project in slots J J in the overlapping portions B C. The lugs *d e* may be constructed in any way to allow for moving the blade against the resiliency of the spring. The tape or other article to be secured is placed through the slots H I when the blades E D are drawn toward each other, and when the hand or finger is removed from the lugs *e d* the spring forces the blades in contact with the tape, causing them to grasp it, holding it securely in position.

I have shown in Fig. 5 a modified form in which I use but one blade, the spring K being arranged to rest against the end L of the casing, and I arrange a slot in the projection M on the casing, through which a tape or strap may be secured to the casing.

In Fig. 7 I show a modified form in which the lug N, which is the same as the lug *d* and *e* in the other figures, is prevented from catching on the goods upon which it is placed by having the outer portions O raised above the lug N.

My invention is used for holding papers together and for other purposes requiring the use of a band and buckle.

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

1. A fastener provided with a portion A with portions B and C on each side of said portion A and arranged to be folded over the portion A; a flat blade arranged to reciprocate between the portion A and the folded-over portions B and C; a curved groove formed at the end of said casing and a slot adjacent to said groove; a means for causing the said blade to force the article to be fastened after it has passed through said slot into said groove, substantially as described.

2. In a fastener; a casing; two blades



placed therein; a spring connected with and  
between said blades tending to force the  
blades apart; a means by which the blades  
may be moved against the tension of the  
5 spring; a means for holding the strap or other  
article in contact with said blade, substan-  
tially as described.

Signed at Albany, New York, this 28th day  
of May, 1902.

WILLIAM C. MARTINEAU.

Witnesses:

FREDERICK W. CAMERON,  
LOTTIE PRIOR.