No. 702,523. Patented June 17, 1902.

P. H. YAWMAN.

CLIP.

(Application filed Jan. 31, 1901.)

(No Model.)

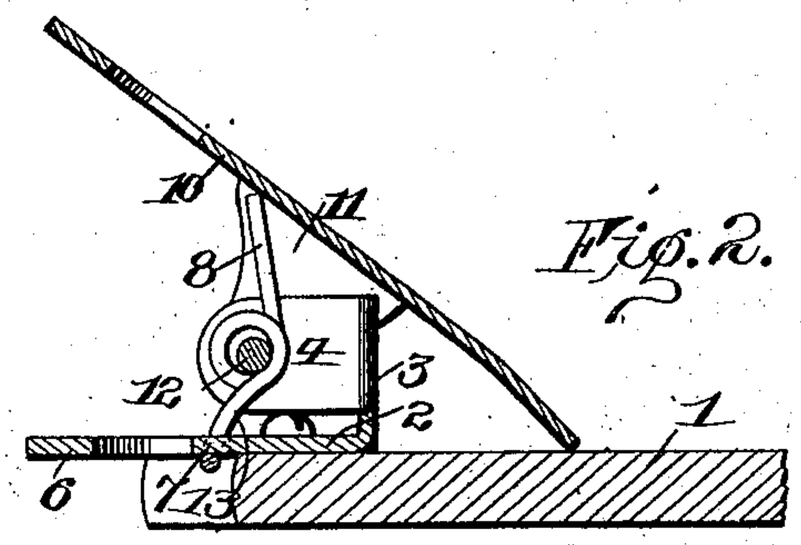

Fig. 2.

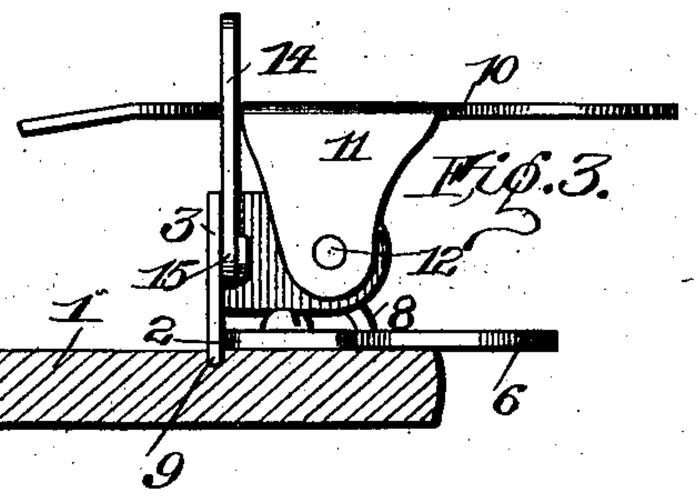

Fig. 3.

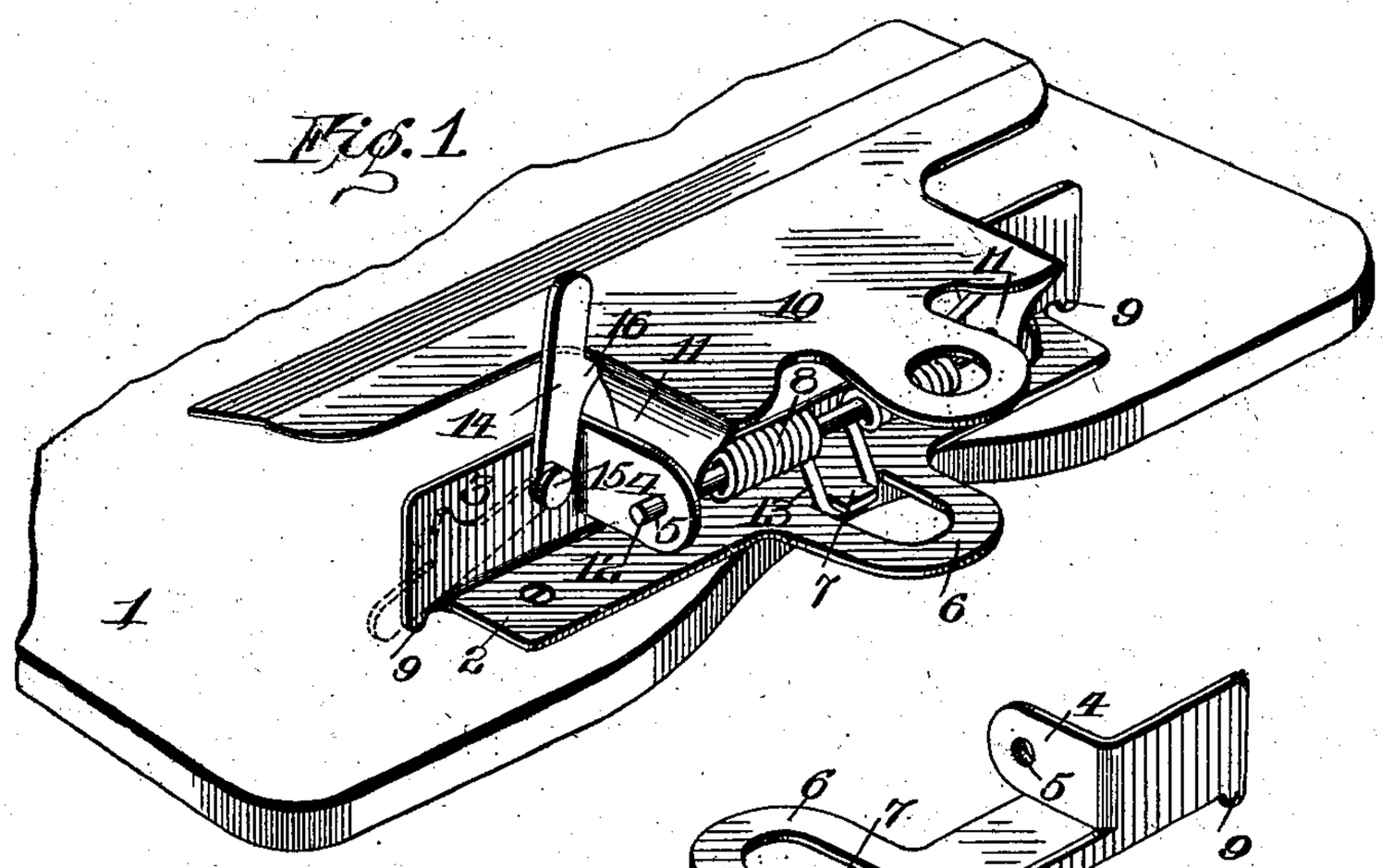

Fig. 1.

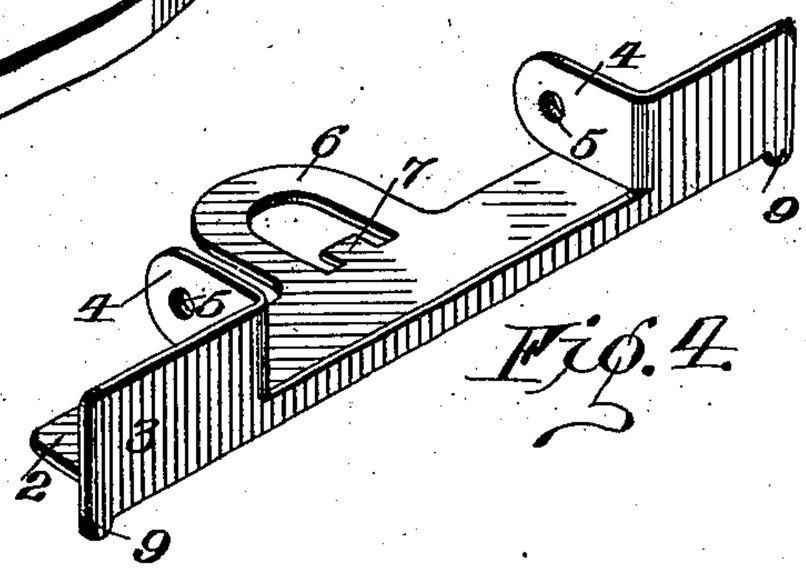

Fig. 4.

Witnesses.

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UNITED STATES PATENT OFFICE.

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CLIP.

SPECIFICATION forming part of Letters Patent No. 702,523, dated June 17, 1902.

Application filed January 31, 1901. Serial No. 45,414. (No model.)

To all whom it may concern:

Be it known that I, PHILIP H. YAWMAN, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Clips; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates to paper-clips adapted to be applied to a suitable base-board or support and to detachably secure thereto letters, invoices, or other papers; and it has for its object to provide an improved device which is simple and cheap in construction, being preferably formed of stamped sheet metal and by means of which the securing and positioning and the application and removal of papers are facilitated.

To these ends my invention consists in certain improvements in construction and combinations of parts, all as will be hereinafter fully described and the novel features pointed out in the claims at the end of this specification.

In the accompanying drawings, Figure 1 is a perspective view of a clip constructed in accordance with my invention applied to a suitable base-board or support with the parts adjusted for the application of papers thereto; Fig. 2, a vertical transverse sectional view of the clip; Fig. 3, a side elevation of the clip; Fig. 4, a perspective view of the base-plate.

Similar reference-numerals in the several figures indicate similar parts.

1 indicates a board or support to which my improved clip is to be attached, and the clip proper consists of a stationary or supporting member adapted to be removably attached to the board or support 1 and the movable clip member pivoted to the stationary member and operated on its pivot toward the board by a spring, said stationary member being constructed as shown in Fig. 4 and embodying a horizontal portion or flange 2 and a vertically-extending portion or flange 3 at the front edge, having inwardly-extending lugs or projections 4, provided with perforations 5, the lower flange or portion 2 being provided at the rear end with a loop 6, adapted to project beyond the end of the board 1 and serving as a means of suspension, and in said loop is provided a small projection or lug 7, adapted to receive the loop of the operating-spring 8. The lower edge of the flange 3 is provided with the downwardly-projecting lugs 9, which extend below the plane of the flange 2 and are adapted to project below the surface of the board 1 when applied thereto, as shown in Fig. 3, so that when the base member is applied to the board 1 by suitable attaching-screws the papers may be straightened or alined against the flange 3 and prevented from extending between the clip and the board by the lugs.

The movable pivoted member 10 is provided with the integral downwardly-extending ears 11, perforated for the passage of the pintle or arbor 12, which also extends through the perforated lugs 4, and the front edge of the movable member is bent downward slightly and is adapted to be held normally in contact with the board 1 by the spring. The spring 8 encircles the pintle 12 and is provided with a central loop 13, engaging the lug 7, while its upwardly-extending ends engage the under side of the movable member 10 to throw the forward edge of the latter downwardly.

14 indicates a catch or lock plate pivoted at 15 to the front flange 3 of the base member, being movable laterally of the direction of movement of the movable member and provided with the projection or lug 16, which latter when the clip is opened for the application of a paper may be passed beneath the forward portion of the movable member 10 to lock the latter in the position shown in Fig. 3, so that papers may be adjusted against the stop-flange 3, the operator using both hands for the purpose, or any papers held by the clip may be removed, if desired. When not in use, this catch-plate is adapted to be turned on its pivot down to the position shown in dotted lines in Fig. 1 out of the way.

The separate parts of the clip may be, as stated, readily stamped from sheet metal and bent or formed up by means of suitable dies, and the formation of the lug 7 in the aperture of the loop enables me to form both

said loop and the lug by means of a single die, thus cheapening the construction.

I claim as my invention—

1. In a paper-clip, the combination with the stationary member constructed of a single piece of sheet material embodying the base-flange having the loop and lug therein, the front flange extending beyond the base at the ends, the lugs extending rearwardly from the front flange, and the spurs extending downwardly from the ends of the latter, of the pintle arranged in the perforated rearwardly-extending lugs, the movable member provided with the perforated lugs journaled on the pintle and having the handle, and the spring encircling the pintle having the loop at the center engaging the lug on the stationary member and the arms engaging the movable member.

2. In a paper-clip, the combination with the stationary member adapted to be applied to a support having the base-flange provided with the loop and the lug therein, the front flange having the rearwardly-extending perforated ears and the projections extending below the base-flange, of the movable member having the downwardly-extending perforated lugs, the pintle and the spring encircling it and engaging the two members, and the catch pivoted on the front flange and adapted to engage the movable member forward of its pivot to hold it out of operative position.

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