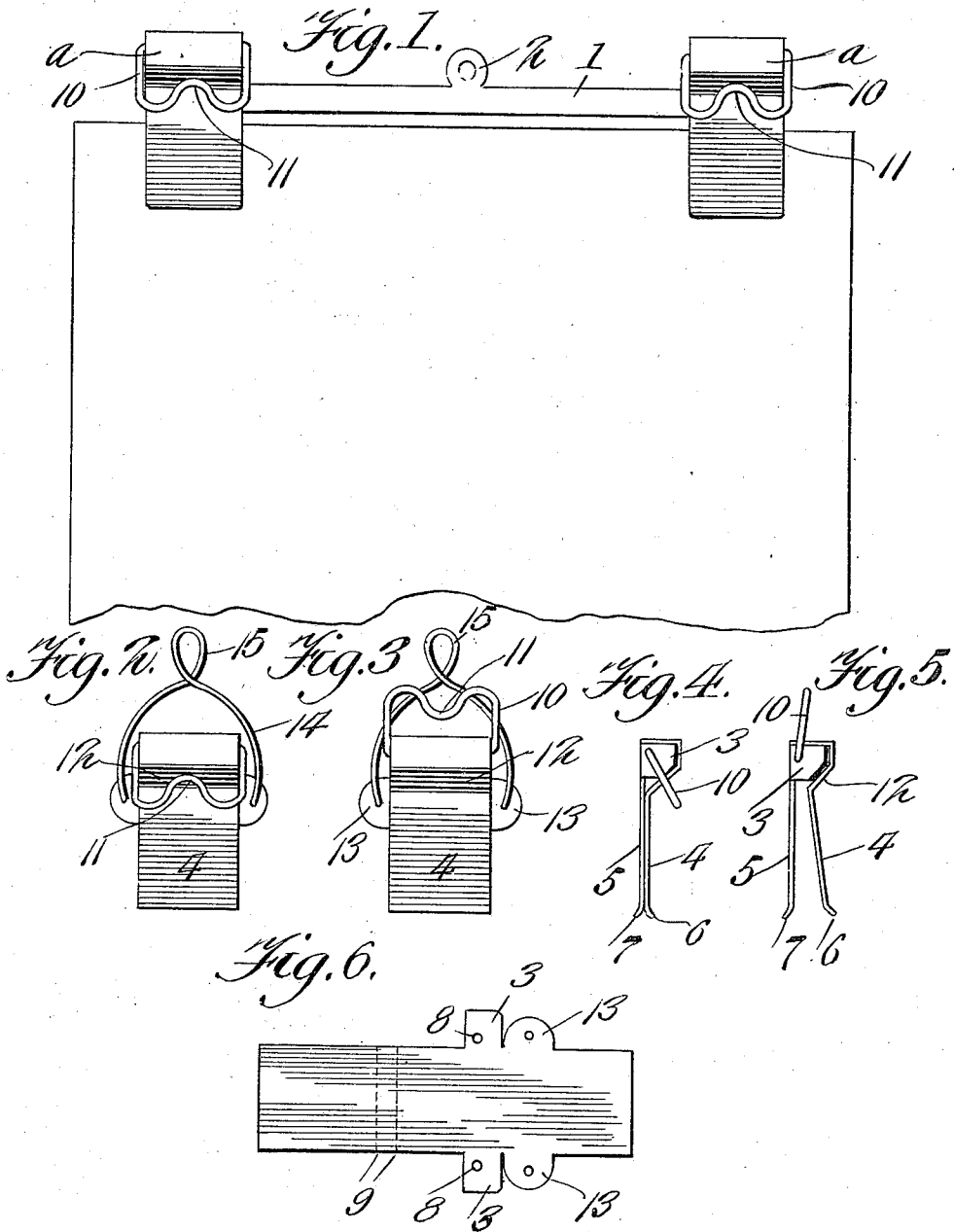


V. C. DE YBARRONDO.
PAPER CLIP.
APPLICATION FILED SEPT. 19, 1908.

966,287.

Patented Aug. 2, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

VINCENT C. DE YBARRONDO, OF LOS ANGELES, CALIFORNIA.

PAPER-CLIP.

966,287.

Specification of Letters Patent.

Patented Aug. 2, 1910.

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To all whom it may concern:

Be it known that I, VINCENT C. DE YBARRONDO, a citizen of the United States of America, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Paper-Clips, of which the following is a specification.

This invention relates to paper clips, and one of the principal objects of the same is to provide a clasp of simple construction which may be utilized for many purposes, such as a loose leaf binder for connecting together sheets of paper, for suspending magazines or pictures to display them, for hanging various articles on walls, such as calendars, for drying photograph negatives, or book marks, and other purposes.

Another object of the invention is to provide a device of simple construction which can be manufactured at slight cost and which will operate efficiently for the various purposes referred to and others.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which,

Figure 1 is a face view of a temporary binder made in accordance with my invention. Fig. 2 is a front elevation of a single clasp designed for the purpose of suspending a book, paper or picture, the clasp being shown closed. Fig. 3 is a similar view with the cam-bail thrown outward to open the clasp. Fig. 4 is an edge view, showing the clasp closed, and the suspending ring dispensed with. Fig. 5 is a view similar to Fig. 4, showing the clasp open. Fig. 6 is a plan view of the blank from which the body of the clasp is made.

Referring to Fig. 1 of the drawing, the numeral 1 designates a cross bar having a ring or loop 2 formed centrally thereon for suspending the device. Secured to the ends of the cross bar 1 are my paper clips, each consisting of a spring sheet metal body portion having the integral ears 3 and the two jaw members 4 and 5, said jaw members being bent outwardly at their terminal ends, as at 6, 7. The ears 3 are each provided with a perforation 8. The clasp is bent on the dotted lines 9, as shown in Figs. 4 and 5, and the ears 3 are also bent at right angles to the jaw member 5, and said ears are inserted or interposed between the jaw mem-

bers 4 and 5 adjacent to the bent or connected portion, thus spacing the said members apart so as to hold the free ends of the jaw members normally spaced or open, as shown in Fig. 5, and requiring the same degree of pressure to be exercised in order to force the jaw members together; thus also bracing and reinforcing the jaw members when closed together, as shown in Fig. 4. A cam-bail 10 having a projecting portion 11 is pivoted at its ends in the perforations 8 of the ears 3. When the bail 10 is thrown down so that the projection 11 bears against the inclined portion 12 of the jaw member 4, the clasp is closed, owing to the force exerted against the member 4, as will be understood. Clasps of this character are connected to the cross bar 1 in any suitable manner, said clasps in Fig. 1 being designated *a*.

When the clip is to be used for suspending articles, the ears 13 are formed on the body of the clip, and connected to the perforations in these ears is a suspending ring 14 of suitable form and provided with a loop 15 at its upper end, and the terminals of said suspending ring being connected to the ears 13.

A clip or clasp made in accordance with my invention operates smoothly and efficiently for its various purposes, can be manufactured at slight cost and cannot readily get out of order or injured in use.

I claim:—

The herein described paper clip comprising a clasp consisting of a resilient sheet metal body including two jaw members adapted to lie flatwise one against the other, said jaw members each having an outwardly curved outer end, one of said jaw members having an inclined portion, and the other member having ears bent at right angles to the body of the clasp and interposed between the jaw members adjacent to the bent or connected portion to space them apart; and a cam bail pivoted to said ears and provided with a central projection adapted to engage the inclined portion of the one jaw member to hold said members in contact.

In testimony whereof I affix my signature in presence of two witnesses.

VINCENT C. DE YBARRONDO.

Witnesses:

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CHARLES M. STEPHENS.