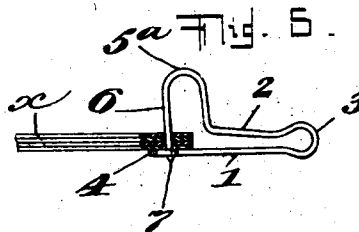
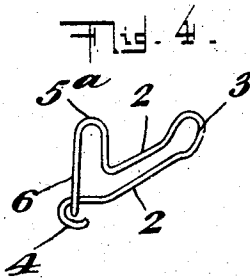
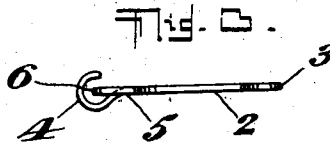
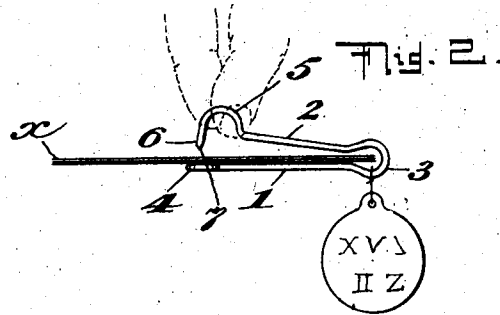
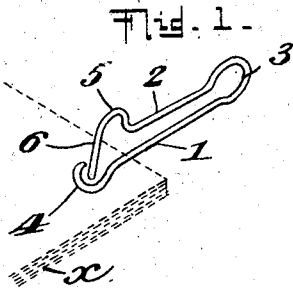


No. 834,801.

PATENTED OCT. 30, 1906.

L. P. HAZEN.
PAPER CLIP.

APPLICATION FILED FEB. 20, 1905.



Witnesses
Henry Rochat
Arthur Kline

Inventor
Levi P. Hazen
by *John Elias Jones*
his attorney

UNITED STATES PATENT OFFICE.

LEVI P. HAZEN, OF CINCINNATI, OHIO.

PAPER-CLIP.

No. 834,801.

Specification of Letters Patent.

Patented Oct. 30, 1906.

Application filed February 20, 1905. Serial No. 246,448.

To all whom it may concern:

Be it known that I, LEVI P. HAZEN, a citizen of the United States of America, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Paper-Clips, of which the following is a specification.

This invention relates to certain improvements in fasteners such as are especially designed for use for binding or holding together papers or the like, and has for its object to provide a device of this general character of a simple and inexpensive nature which shall be capable of ready manipulation for securely holding the sheets of paper or other material to which the improved fastener is applied, the device being also of such construction as to permit ready detachment of the sheets whenever desired.

The invention consists in certain novel features of the construction, combination, and arrangement of the several parts of the improved fastening device whereby certain important advantages are attained and the device is made simpler, cheaper, and otherwise better adapted and more convenient for use, all as will be hereinafter fully set forth.

The novel features of the invention will be carefully defined in the claim.

In the accompanying drawings, which serve to illustrate my invention, Figure 1 is a perspective view showing a fastener embodying my improvements applied for use for holding together sheets of paper or other material, which are indicated in dotted lines. Fig. 2 is a side elevation of the improved fastener and illustrating the same with its jaws or members separated in position to receive the paper sheets between them. Fig. 3 is a plan view of the improved fastener detached. Fig. 4 is a perspective view somewhat similar to Fig. 1, but showing a modified form of the improved fastener. Fig. 5 is a view similar to Fig. 2, but showing in side elevation the modified form of fastener illustrated in Fig. 4 with its jaws engaged with the paper sheets.

Referring first to Figs. 1, 2, and 3, it will be seen that the improved fastener is constructed from a single strip or piece of metal, which may, for convenience, be of rounded spring-wire, and said strip is bent upon itself to produce lower and upper members or arms 1 and 2, respectively, which are integrally connect-

ed and joined together by a rounded open loop 3.

The lower arm or member 1 has at its extremity a jaw formed of an open loop or eye 4, which is extended at right angles to the plane in which the arms or members 1 and 2 are arranged, and the upper member 2 is provided at its free end with an upwardly-extended or bent portion 5, forming a finger-hold adapted to be engaged by the thumb and finger of the user, as indicated in dotted lines in Fig. 2, for the convenient separation of the arms or members of the fastener when it is desired to apply the same to sheets of paper for use.

The extremity of the arm or member 2 beyond the upwardly bent or directed finger-hold 5 is directed downwardly, as shown at 6, in position to permit of passing, when the arms or members are approached toward each other by their own resilience, through the center of the jaw 4 of the member or arm 1, and said downwardly-directed part 6, which forms the jaw of the arm or member 2, is pointed or sharpened at its extremity, as seen at 7, in order to permit it to penetrate the paper sheets, arranged as shown at *x*, between the upper and lower arms or members in such a way as to securely hold said sheets together.

In Figs. 4 and 5 I have shown a modified form of the improved fastener, wherein the upwardly bent or extended finger-hold 5^a of the upper arm or member 2 is of greater length, so as to afford a more ready and secure hold of the fingers for the separation of the jaws than is possible with the short finger-hold 5, (illustrated in Figs. 1, 2, and 3;) but this form of the device will not be so desirable for use in connection with mail-matter, since the greater projection of the finger-hold 5^a will in such cases be more likely to break through the envelop or wrapper in which the paper sheets are inclosed.

The improved paper-fastener, constructed as above described, is of an extremely simple and inexpensive nature and is especially well adapted for use by reason of the convenience with which it may be applied to the paper or other sheets, and also by reason of the security with which such sheets are held, and also of the readiness with which the fastener may be manipulated for the release of the sheets from each other, and it will also be obvious from the above description that

the improved fastener is capable of such modification as falls within the scope of the appended claim.

In Fig. 2 I show how a tag for laundry, cloth, or other like use may be held by the improved fastener or clip.

I claim—

A fastener formed of a strip of metal having a pair of integrally-connected upper and lower members horizontally extended in approximately parallel planes one above the other, the upper one of the horizontally-extended members having at its free outer end a portion that is upwardly arched and then downwardly bent, and which is spaced or directed away from the outer end of the other

member to form a finger-hold at said arched part and at the extremity of the said downwardly-bent part to form a puncturing end directed at an angle toward said other or lower member, the latter having an eye at its extremity or free outer end and said puncturing end being adapted to penetrate sheet material arranged between the free outer ends of said horizontally-extended members.

Signed at Cincinnati, Ohio, this 17th day of February, 1905.

LEVI P. HAZEN.

Witnesses:

JOHN ELIAS JONES,
ARTHUR KLINE.