

C. G. FISHER.
PAPER FASTENER.
APPLICATION FILED JUNE 11, 1909.

952,322.

Patented Mar. 15, 1910.

Fig. 1.

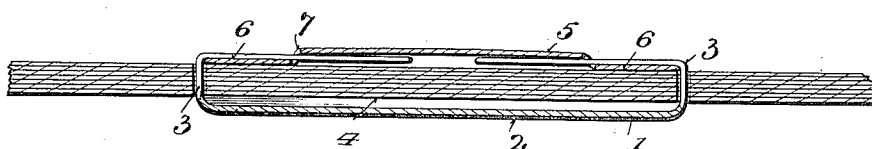


Fig. 2.

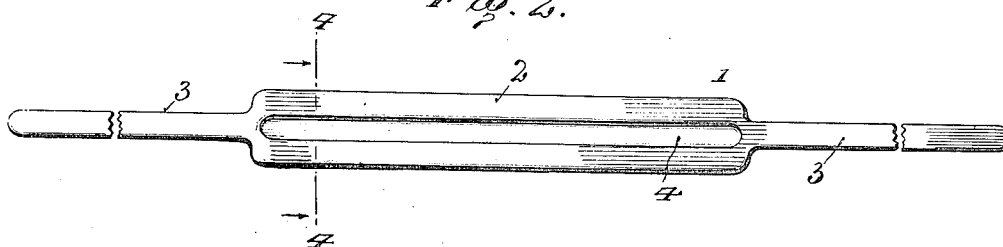


Fig. 3.

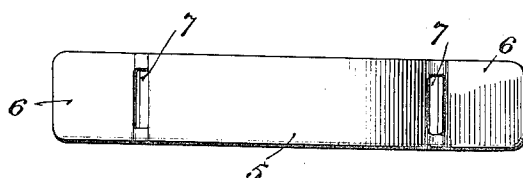
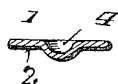


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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PAPER-FASTENER.

952,322.

Specification of Letters Patent. Patented Mar. 15, 1910.

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To all whom it may concern:

Be it known that I, CLARENCE G. FISHER, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Paper-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The primary object of this invention is to provide an improved clip or pin paper-fastener which will be composed of but few parts and will be so protected as not to be liable to accidentally take up papers other than those to which the device is secured.

The invention will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a vertical longitudinal sectional view showing the fastener secured to a package of papers. Fig. 2 is a plan view of the clip or pin fastener. Fig. 3 is a plan view of the protector plate. Fig. 4 is a section on line 4-4, Fig. 2.

Referring to the drawings, 1 designates a clip or pin fastener. It is shown as composed of a body portion 2 of narrow metal, and two end portions 3 which are capable of being readily bent at right angles to the body so as to pass through openings in the bundle of papers. The body portion is preferably crimped longitudinally at 4, to increase the strength thereof, but the same results may be secured by crimping or bending over the edges of the metal.

5 is a shield or protector for the ends of the clip or paper fastener. It is shown in the form of a plate having its end portions 6 deflected from the main portion but extended parallel therewith. In the angular portions between the main and end portions of the plate are openings 7 which are designed to receive the ends of the clip or pin fastener which are passed inwardly beneath the main portion of the protector. The length of the latter is about equal to the body portion 2 of the clip.

In practice, the end portions of the clip or pin fastener are projected through open-

ings in the papers, and on the side of the latter normally forming the top is placed the protector 5. The ends of the clip are bent down over the end portions of the protector and carried inwardly toward each other, and being projected through the openings 7 such ends are concealed, and all danger of papers accidentally adhering thereto is avoided. When it is desired to open the fastener, for the purpose of adding or removing papers, the operator grasps the main portion of protector 5 and lifts the latter away from the pile. This draws outwardly the ends of the clip, which may be then bent into parallel lines so as to withdraw or apply a paper. The protector may be readily secured in position by again bending the ends of the clip and causing them to project through the openings in the protector.

By means of my invention a considerable saving of metal is accomplished; the cost of manufacture is reduced; the fastener as a whole is rendered perfectly secure; and all danger of its engaging or taking up other papers is avoided.

I claim as my invention:—

1. A paper fastener comprising a clip having a non-flexible body portion and two flexible end portions, a protector of length approximately equal to the body portion of the clip, said protector having angular portions formed with openings, said end portions of the clip being bent inwardly toward each other and projected through said openings, their extreme ends being beneath the protector.

2. A paper fastener comprising a clip or pin fastener having a non-flexible body portion and two flexible end portions, a protector comprising a plate of length approximately equal to the length of the body portion of the clip, said protector having deflected end portions and openings in the angular portions between said deflected portions and the main portion of the protector, the ends of said clip being designed to be folded inwardly toward each other and projected through said openings and beneath the main portion of the protector.

3. A paper fastener comprising a clip or

pin fastener having a crimped body portion
and flexible end portions, and a protector
having angular portions formed with open-
ings to receive the flexible ends of the clip,
5 which ends are bent inwardly toward each
other beneath the protector.

In testimony whereof, I have signed this

specification in the presence of two subscri-
ing witnesses.

CLARENCE G. FISHER.

Witnesses:

FRANCIS S. MAGUIRE,
JOHN A. MURPHY.