

G. H. CLIFF.

PAPER CLIP.

APPLICATION FILED JAN. 10, 1908.

903,173.

Patented Nov. 10, 1908.

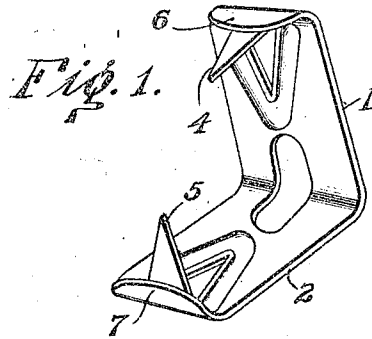


Fig. 2.

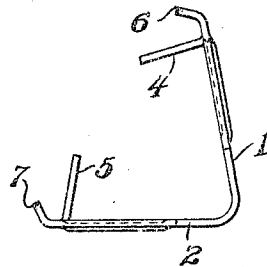
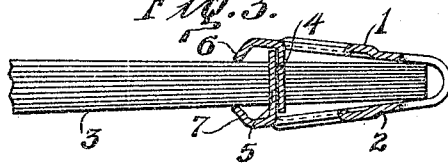


Fig. 3.



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Witnesses

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UNITED STATES PATENT OFFICE.

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PAPER-CLIP.

No. 903,173.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE H. CLIFF, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented certain new and useful Improvements in Paper-Clips, of which the following is a specification.

My invention relates to paper clips and it has for its object to provide a clip having means to prevent the engagement of sheets of paper or similar objects held in a clip with a second or other clip holding sheets of paper or similar objects, when such papers or similar objects are filed in proximity to each other.

An objection heretofore found in connection with the use of clips of the character of my invention, is that a clip holding one set of papers together will engage or catch the papers or similar objects held by another clip in proximity thereto, thus rendering it difficult to separate the papers and remove the same from a file case.

A convenient embodiment of my invention is illustrated in the accompanying drawings forming a part of this specification, but it will be understood that various changes in the details of construction may be made within the scope of the claims without departing from my invention.

In the drawings:—Figure 1 is a perspective view of a clip embodying my invention; Fig. 2 is a side elevation of the same; and Fig. 3 is a longitudinal central section of the same showing a number of papers or similar objects held between the opposite sides of the clip.

Referring to the drawings:—1 and 2 designate the sides of the clip consisting of a strip of suitable material preferably metal. The strip is bent intermediate its ends as indicated in Figs. 1 and 2 ready to have the sheets of paper 3 or similar objects inserted between the sides 1 and 2, in position to be pierced by the points or prongs 4 and 5 struck up from the sides 1 and 2. These points or prongs 4 and 5 are so positioned upon the sides 1 and 2 that when the sides are pressed together as indicated in Fig. 3, they overlap and occupy positions side by side, the point 5 being in front of the point 4.

In order to prevent the ends of the sides

1 and 2 of the clip from projecting so as to catch or engage the edges of papers or other objects, which may be held by other clips when such papers are filed away together and it is desired to remove the papers held by one of the clips, I have bent the portions 6 and 7 at the ends of the sides 1 and 2 toward each other or inwardly as indicated in the drawings most clearly in Fig. 3.

When the ends of the sides 1 and 2 are bent toward each other, the edges of the inwardly bent ends rest against or very close to the papers or similar objects which may be held between the sides 1 and 2 of the clip; and such inwardly bent portions 6 and 7 being inclined as shown, it is obvious that the liability of the ends of the clips to catch or engage papers held by other clips is rendered practically impossible.

It is necessary frequently to remove the sheets of paper or similar objects from the clips or fasteners, and in order to facilitate such removal, the clip or fastener is constructed with the side edges of the opposite sides 1 and 2 in substantially the same plane as the main or body portions of such sides so that when the clip or fastener is in use, as indicated in Fig. 3 of the drawings, a space is formed between the opposite sides of the sheets 3 and the respective sides 1 and 2 of the clip or fastener. In the construction shown these spaces are triangular in outline, but it will be understood that their contour may be varied somewhat without departing from my invention. When the spaces are provided between the opposite sides of the clip or fastener and the sheets held thereby, anyone desiring to separate the sides of the fastener to remove such sheets may readily catch hold of the said sides with the fingers to effect the separation desired.

Having thus described my invention, I claim:—

A clip or fastener consisting of a strip of suitable material bent at a point intermediate its ends and having means upon opposite sides of the said clip or fastener which are adapted to hold sheets of paper or similar objects together, the ends of the opposite sides of the said clip or fastener beyond the said means being bent inwardly, and the

side edges thereof being in substantially the same plane as the main body portions of the said sides, whereby spaces are provided between the sides and the said sheets so that the sides of the clip or fastener may be readily separated to remove the said sheets therefrom.

In testimony that I claim the foregoing as my invention, I hereunto sign my name this 3rd day of January, A. D. 1908.

GEO. H. CLIFF.

In the presence of—

S. HORACE MYERS,
LAURA KLEINFELDER.