

(No Model)

G. H. BENNETT.
PAPER FASTENER.

No. 586,003.

Patented July 6, 1897.

Fig 1.

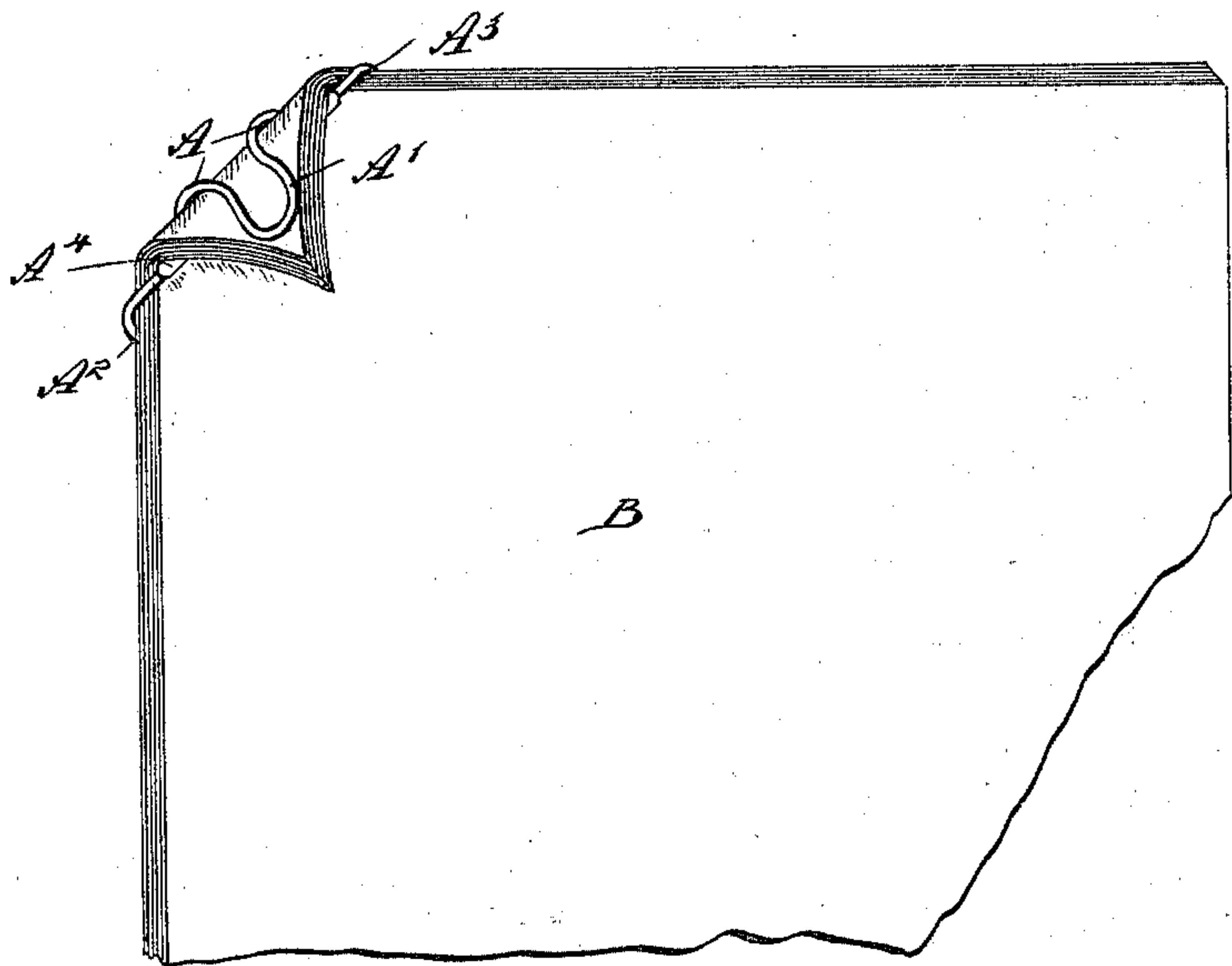


Fig 2.

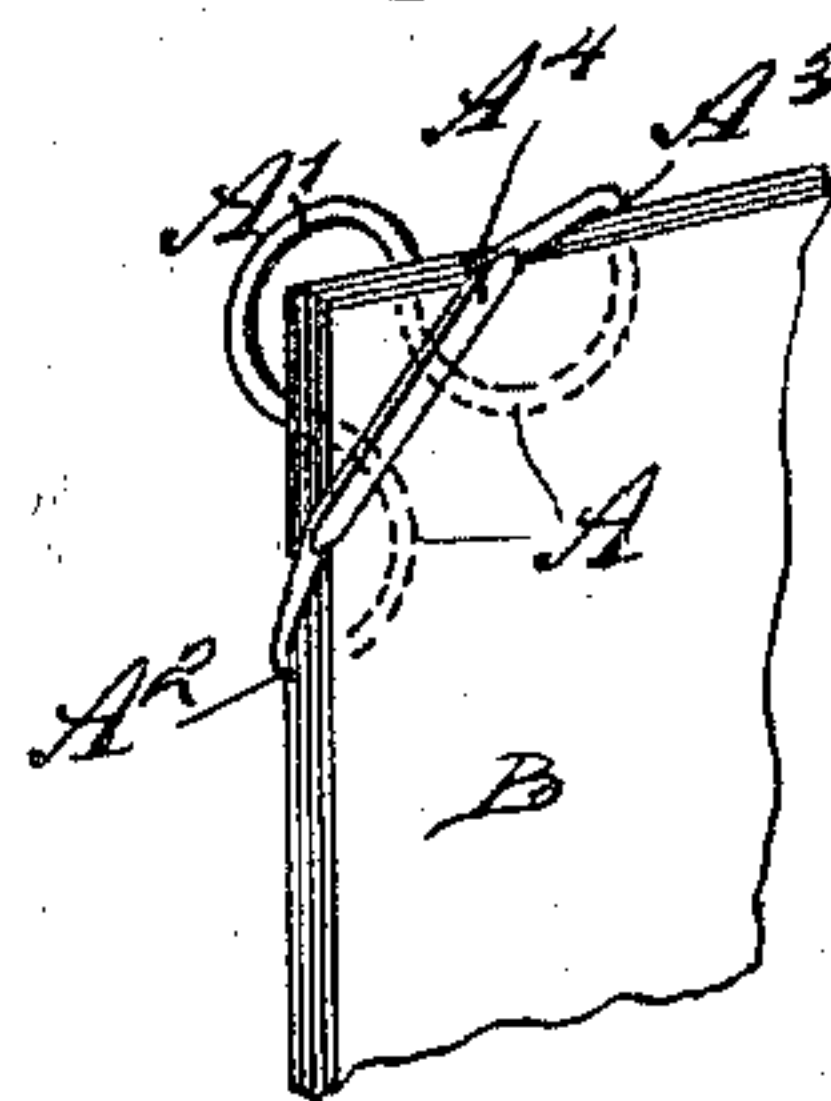


Fig. 6.

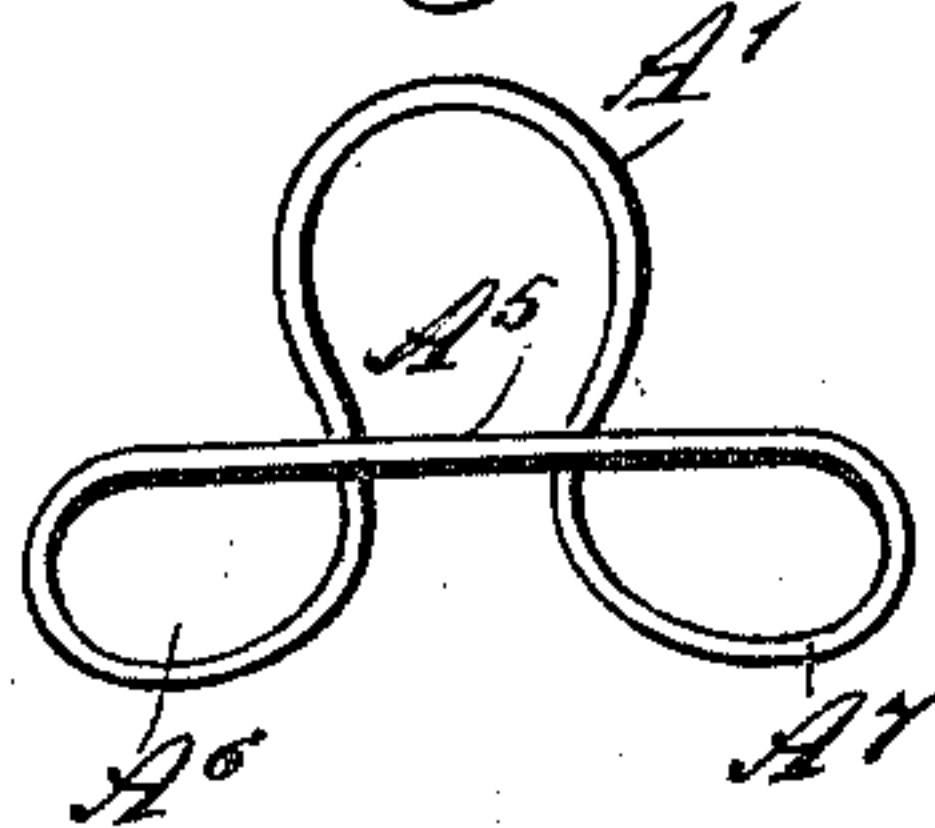


Fig. 3.

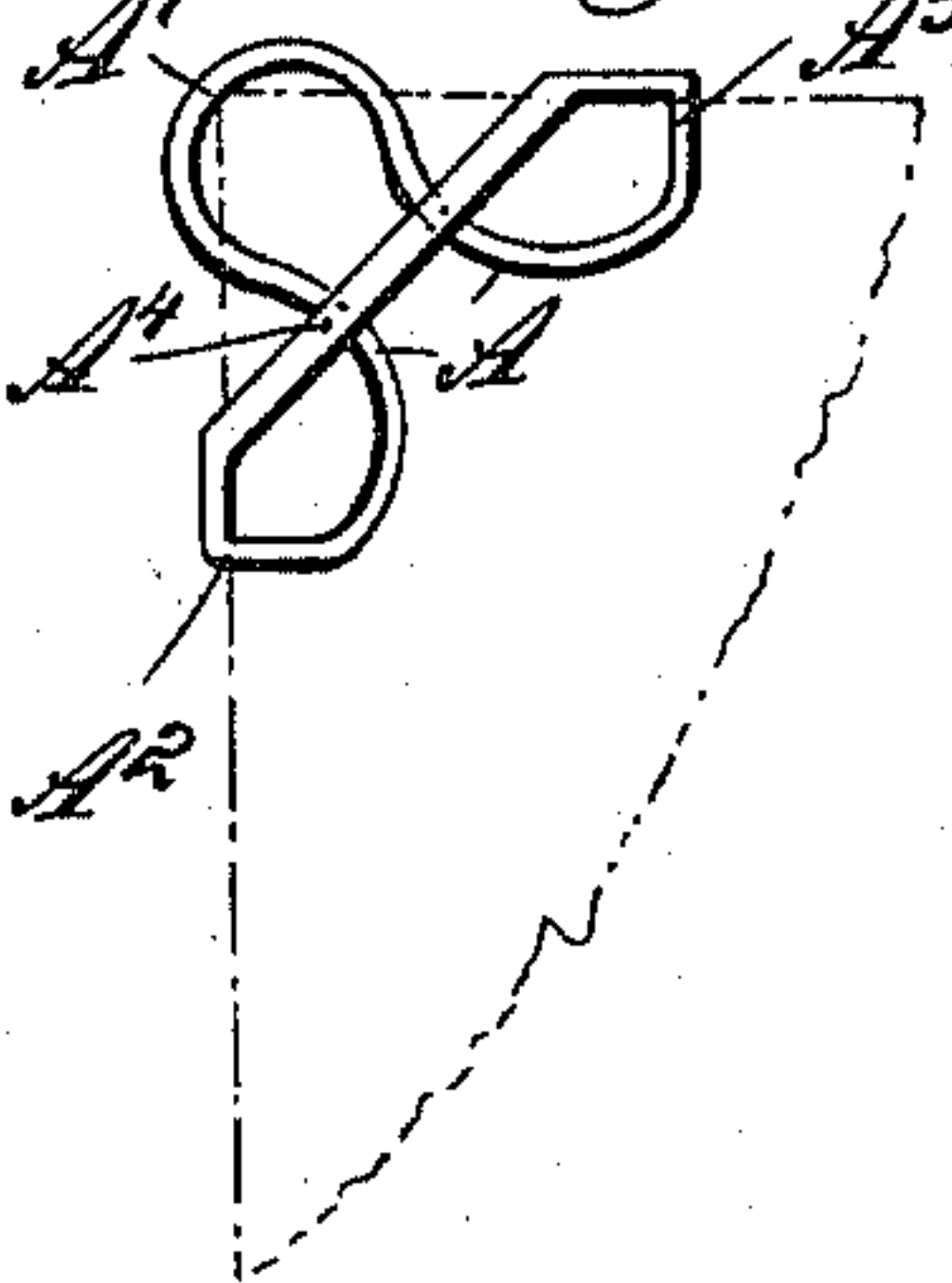


Fig. 4.

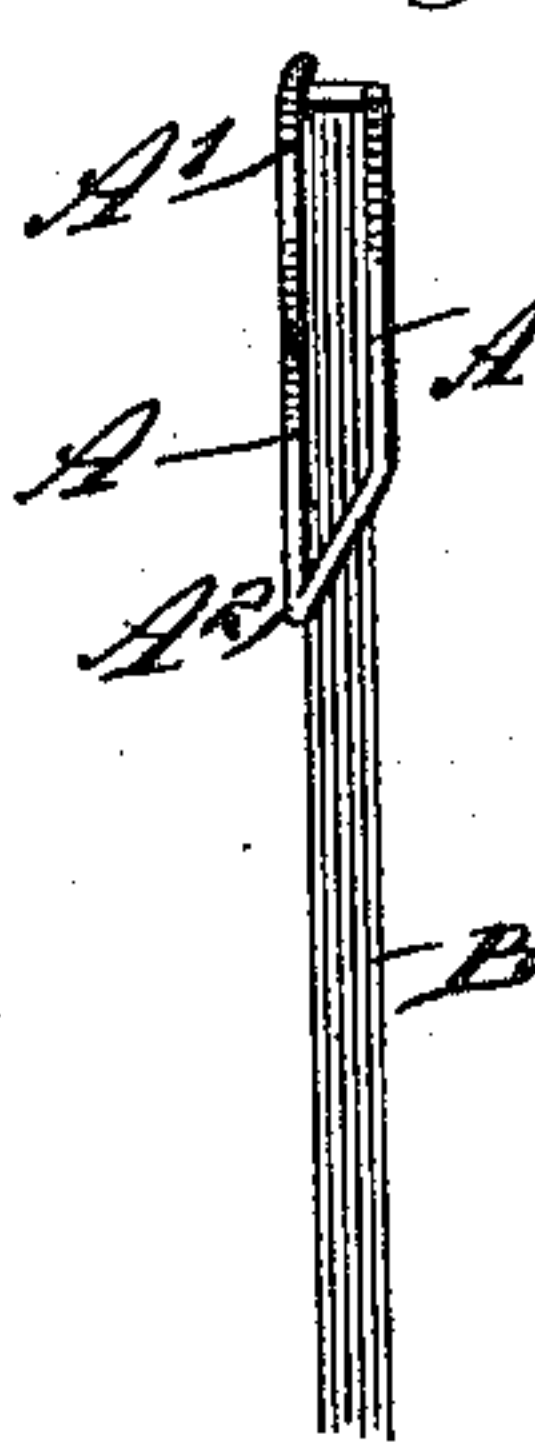


Fig. 5.

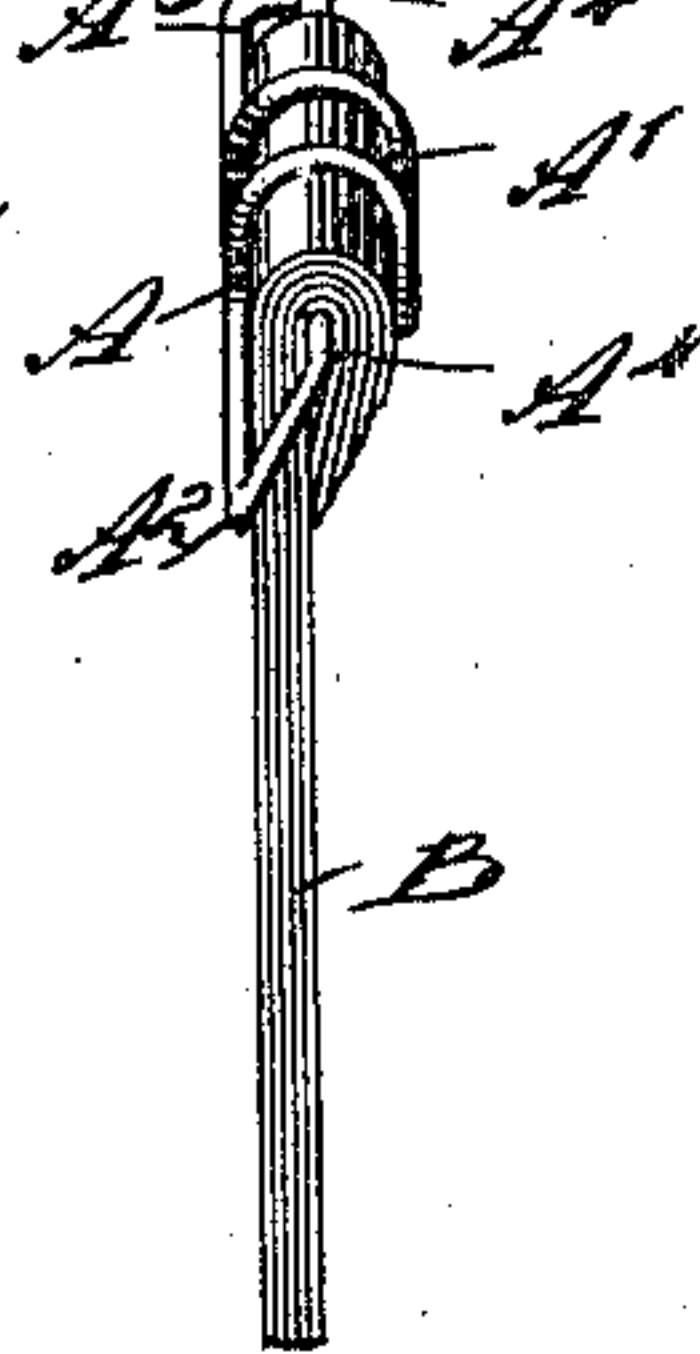


Fig. 7.

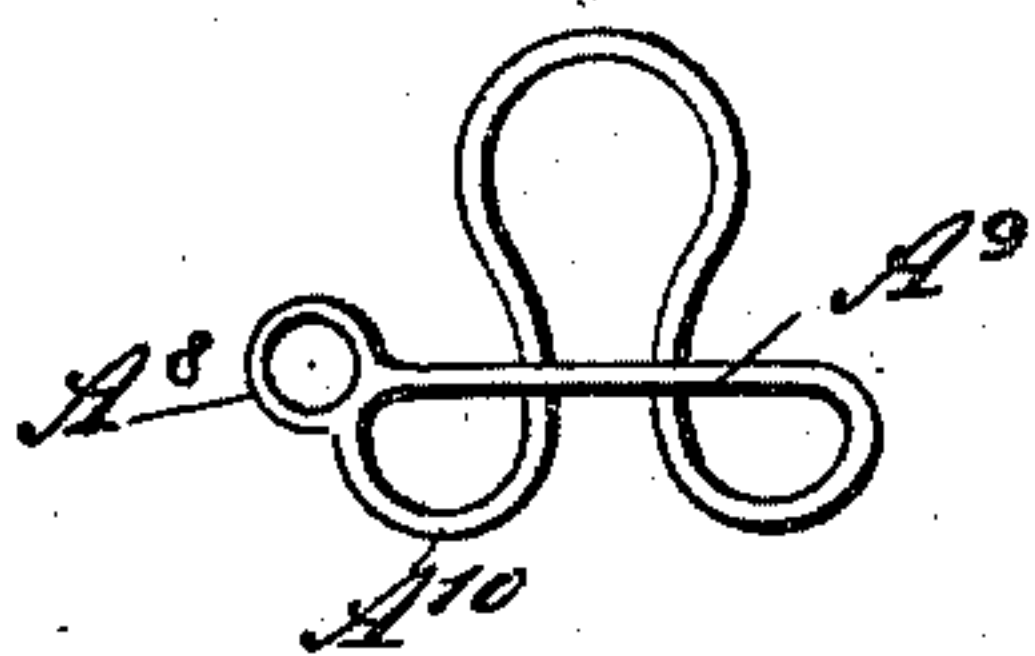
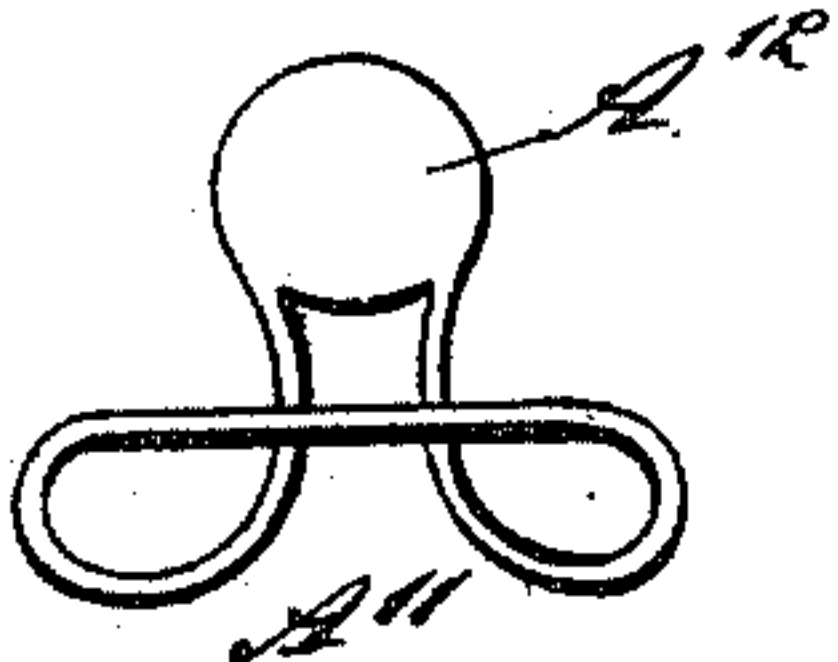


Fig. 8.



WITNESSES:

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PAPER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 586,003, dated July 6, 1897.

Application filed February 26, 1897. Serial No. 625,196. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HOWARD BENNETT, of the city, county, and State of New York, have invented a new and Improved Paper-Fastener, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved paper-fastener which is simple and durable in construction, cheap to manufacture, and is readily applied and arranged to fasten together a variable number of sheets of paper or similar articles without perforating the same.

The invention consists principally of a single piece of metal formed with a back having its middle portion pliable, so that it may be bent over and carry the corners of the sheets along, the back terminating at the sides in loops extending upwardly and connected with each other by a cross-bar.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of the improvement as applied. Fig. 2 is a perspective view of the same previous to bending the middle portion of the back. Fig. 3 is a plan view of the same. Fig. 4 is an edge view of the same. Fig. 5 is a like view of the same after bending the middle portion to secure the sheets in place, and Figs. 6, 7, and 8 are plan views of modified forms of the improvement.

The improved paper-fastener is preferably made of a single piece of material, such as wire, sheet metal, or the like, and is formed with a back A, having its middle A' curved outwardly and of a pliable material, so as to permit of bending this middle portion over to carry the corners of the sheets B along, as plainly indicated in Figs. 1 and 6. The sides of the back A terminate in loops A² and A³, having their outer portions bent upwardly and inwardly in a diagonal direction, as plainly indicated in Figs. 4 and 5, the said loops being connected with each other at their top ends by a cross-bar A⁴, located at a different plane from that of the back A.

Now by the arrangement described an opening is formed between the back A and the cross-bar A⁴ to permit of pushing the sheets B of paper or the like, with their corners, into the said opening, with the sides and loops A² A³ finally engaging the edges of the sheets, so as to limit their inward movement. When this has been done, the pliable middle portion A' of the back is bent over, as shown in Figs. 1 and 6, so as to carry the corners of the sheets along and bend the same over the cross-bar A⁴ upon the top sheet, as will be readily understood by reference to Figs. 1 and 6.

Now it is evident that by the arrangement described the sheets are securely fastened in place by the fastener, as the corners are doubled up and held down in place by the bent middle portion A'.

As illustrated in Figs. 1, 2, and 4, the cross-bar A⁴ is preferably made flat, so as to give considerable strength to the fastener, but the said cross-bar may be made round, as at A⁵, as shown in Fig. 3, and with the corner-loops A⁶ and A⁷ rounded off, as shown.

In order to provide a suitable means for hanging the fastener with the paper secured thereon upon a nail, pin, or the like, I may form one or both of the loops with an eye A⁸, as shown in Fig. 7, the said eye being located at the junction of the cross-bar A⁹ with the loop A¹⁰. The fastener shown in Fig. 8 has its back A¹¹ formed with a middle portion A¹² in the shape of a disk instead of a loop, so as to permit of exerting considerable pressure on this disk when bending the middle portion over with the corners of the sheets, as above explained.

The sides of the loops A² A³ are so formed relatively to one another that they form guides and stops for the edges of the sheets to bring the corner-point of the sheet close to the other end of the middle portion A', as shown in Fig. 4, so that on bending this portion over the sheets are carried along to fold over the cross-bar A⁴ and upon the top sheet.

I do not limit myself to the form shown and described, as it is evident that the piece of wire or other material can be readily made into various shapes without deviating from the spirit of my invention.

Having thus fully described my invention,

I claim as new and desire to secure by Letters Patent—

1. A paper-fastener made of a single piece of material, and formed with a back having
5 its middle portion pliable so that it may be bent over and carry the corners of the sheets along, the said back terminating at its sides in loops extending upwardly and connected with each other by a cross-bar, substantially
10 as shown and described.

2. A paper-fastener, comprising a back, loops at the sides of the back, a cross-bar connecting the loops with each other, and crossing the said back at a distance therefrom to
15 form an opening for the entrance of the sheets to be fastened together, and a pliable portion on the said back, to permit of bending it over

and carrying the corners of the sheets along, substantially as shown and described.

3. A paper-fastener, comprising a back, 20 loops at the sides of the back, a cross-bar connecting the loops with each other and crossing the said back at a distance therefrom, to form an opening for the entrance of the sheets to be fastened together, a pliable portion on 25 the said back to permit of bending it over and carrying the corners of the sheets along, and an eye for hanging up the fastener, substantially as shown and described.

GEORGE HOWARD BENNETT.

Witnesses:

T. S. FOWLER,

ALBERT W. PHILLIPS.