

J. CROOKS.
 ENVELOP FASTENER.
 APPLICATION FILED JAN. 23, 1908.

910,912.

Patented Jan. 26, 1909.

Fig. 1.

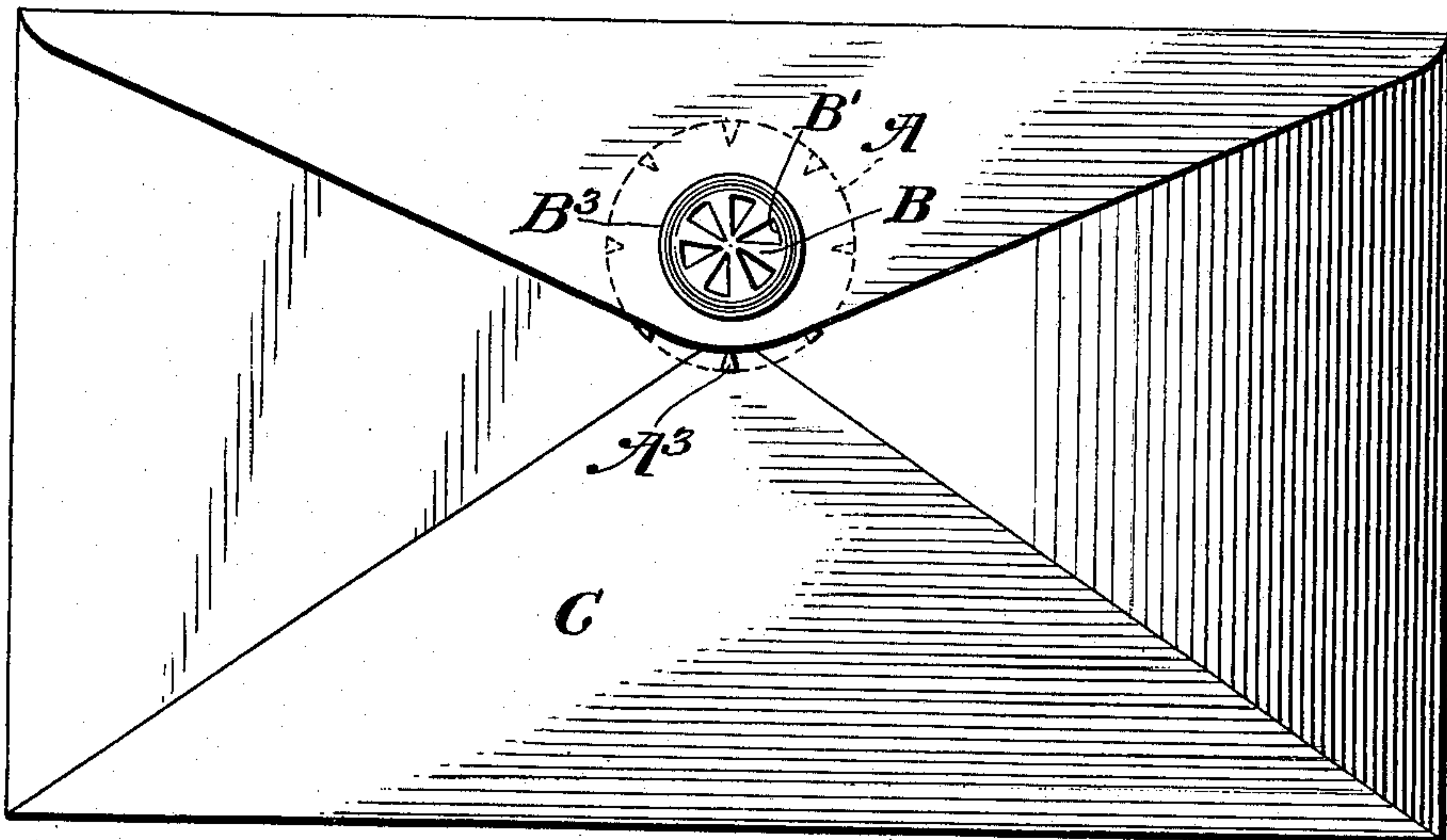


Fig. 2.

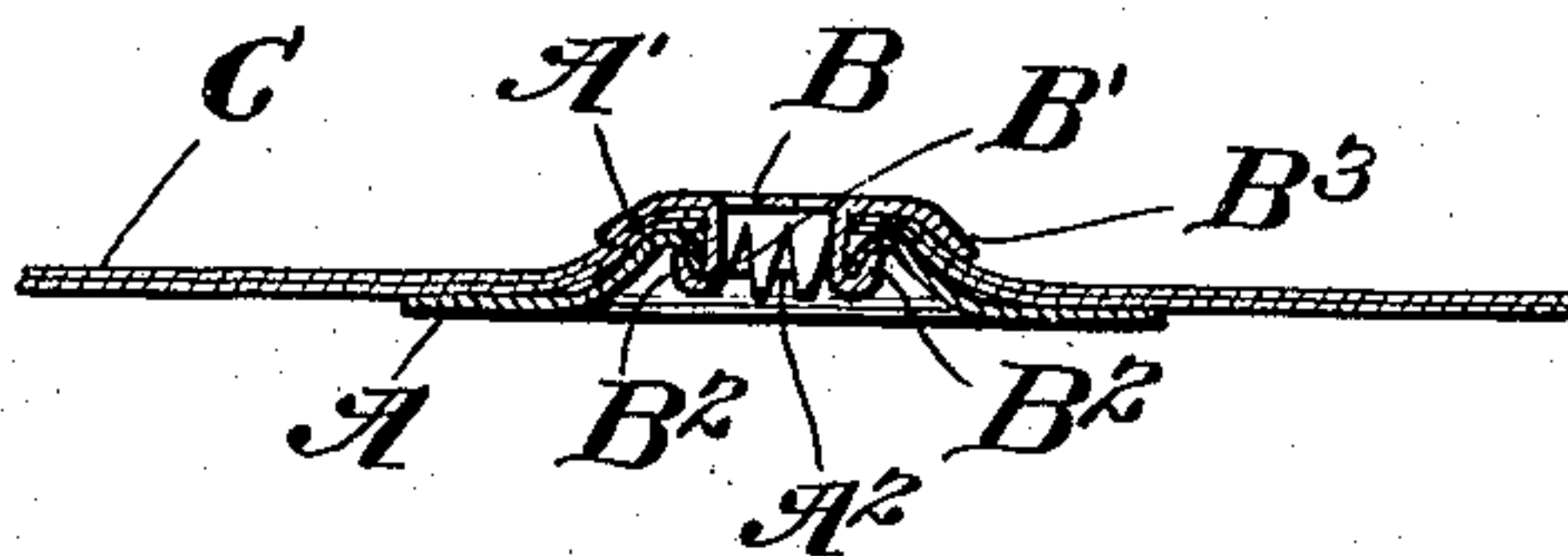


Fig. 3.

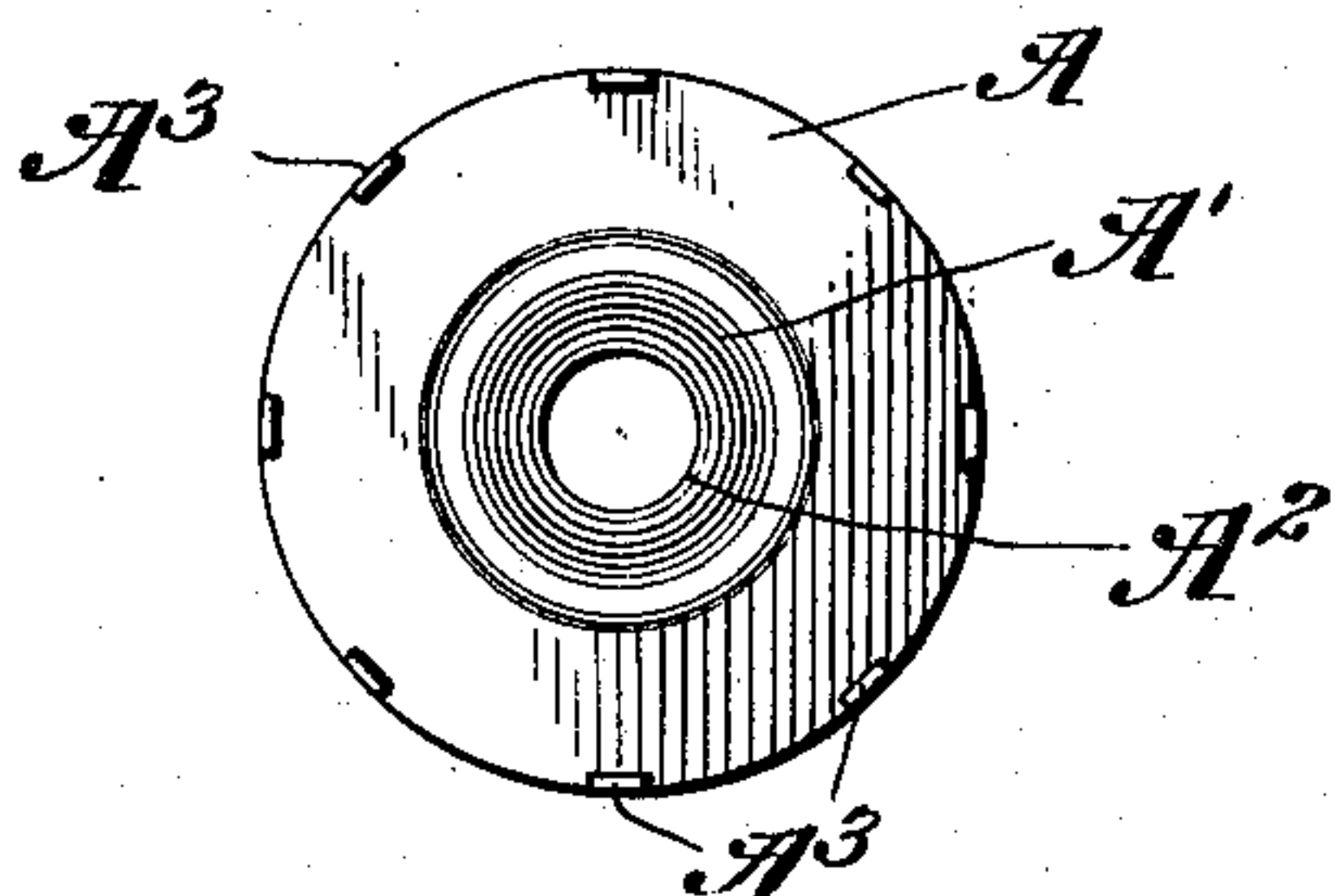
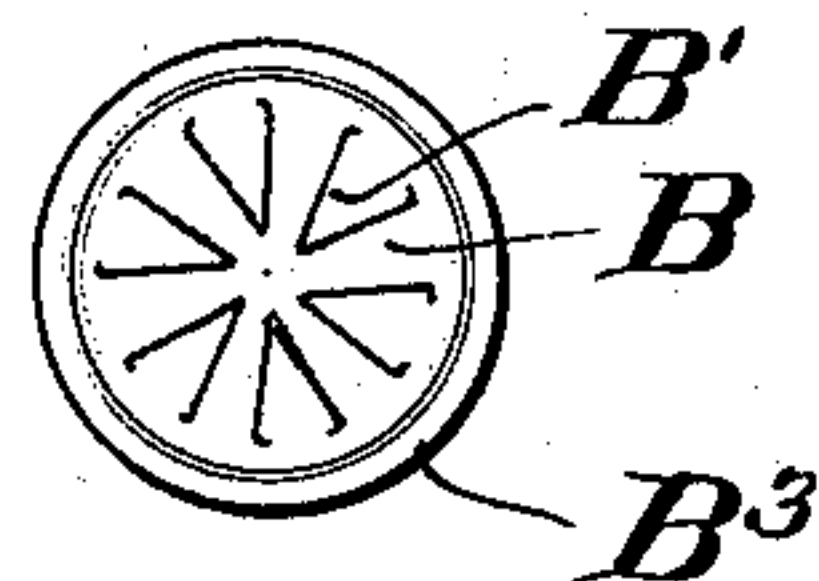


Fig. 4.



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364

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ENVELOP-FASTENER.

No. 910,912.

Specification of Letters Patent.

Patented Jan. 26, 1909.

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To all whom it may concern:

Be it known that I, JOHN CROOKS, a subject of the King of Great Britain, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Envelop-Fasteners, of which the specification was filed January 23, 1908.

This invention relates to an envelop fastener, the object being to provide a fastener which can be readily attached to an envelop so as to avoid the use of gum on the flap.

Another object of my invention is to provide a fastener which can be readily secured in position and one which will securely lock the flap to the body of the envelop so that it will be impossible to open the same without breaking the flap.

Another object of my invention is to provide an envelop fastener which is exceedingly simple and cheap in construction and one which is very neat in appearance.

My invention consists of a pair of fastening members, one of which is secured to the body of the envelop and is provided with a socket and the other to the flap of the envelop and is provided with a resilient head adapted to fit in said socket.

These objects are obtained by the arrangement and construction of parts hereinafter fully shown and described in the accompanying drawings, in which—

Figure 1, is a back view of an envelop showing my improved fastener in a closed position. Fig. 2, is a section through the fastener and envelop. Fig. 3, is a top plan view of the socket member carried by the body of the envelop, and, Fig. 4, is a top plan view of a disk, from which the resilient member is formed.

In the drawings, A indicates a disk formed of some very flexible metal, such as tin, having a circular crimped portion A', on one side forming a socket, provided with a central opening, the edge of which is bent downwardly, as shown at A², forming an annular depending flange, for the purpose hereinafter fully described.

The disk is provided with a plurality of spurs A³, around its edge adapted to extend up through the body of the envelop C, when arranged in the same and be bent down on the body so as to securely lock the disk in position.

An opening is formed in the body of the envelop registering with the opening in the

socket through which is adapted to extend the resilient head which is formed of spurs B', punched out of a disk B, which is arranged on the flap of the envelop over an opening found in the same through which the head extends. The spurs of the head are provided with hooked ends B², adapted to engage the annular flange of the socket and securely lock the two members together.

The disk B, is provided with an annular flange B³, which corresponds to the side of the crimped portion so that when pressed down in position the material of the envelop will be clamped between the same.

The spurs B', of the disk B, are formed by cutting converging slots in the disk and bending the spurs downwardly in the form of a circle and then bending the points of the spurs upwardly.

The manner of fastening the envelop is as follows:—The head is forced downwardly into engagement with the depending flange of the socket and as further pressure is applied to the same, the spurs will contract and be forced through the opening and after they pass through, the same will spring back into their normal position so as to bring the hooked ends under the flange of the socket; thereby it will be impossible to remove the same and when it is desired to open the envelop the flap will have to be cut.

From the foregoing description it will be seen that I have provided an envelop fastener which is very simple and cheap in construction and one which can be readily applied to any of the well known forms of envelops now in use without changing the construction of the same in any way.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:—

1. An envelop fastener comprising a socket member formed with a raised central portion having a central opening and an annular depending flange therearound; in combination with a head member comprising a body portion formed with a series of resilient spurs cut out of the body portion and located radially around the center of said head member adapted to be forced into the opening of the socket member, said spurs having free outwardly angled ends to engage with the depending flange of the socket.

2. An envelop having a disk attached to one portion thereof provided with a circular crimped portion forming a socket, said socket

having a raised central portion provided with a central opening and an annular depending flange therearound, and another portion of said envelop having attached thereto a disk
5 formed with a series of resilient spurs cut out of said disk and located around the center thereof, adapted to be forced into the opening of the socket, said spurs having free outwardly angled ends adapted to engage with
10 the depending flange of the socket.

3. An envelop having an opening in its rear wall, a socket disk arranged within the envelop having a circular apertured raised portion extending through the opening in
15 said envelop, having a depending flange surrounding said aperture, the body of said socket disk being provided with spurs for securing it to the body of the envelop, the flap of said envelop being provided with a
20 disk having a plurality of spurs cut out of the material thereof and arranged in a circle, said spurs being adapted to extend through

the opening of the socket disk and having hooked outwardly extending ends adapted to engage the depending flange of the said
25 socket.

4. The combination with an envelop, of a disk provided with spurs secured to said envelop having a circular crimped portion, provided with a central opening the edge of
30 which is bent downwardly to form a flange and a disk secured to the flap of said envelop provided with converging slots which are bent downwardly to form a circle of spurs, said spurs being provided with hooked ends
35 adapted to engage the edge of the flange of the socket, for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN CROOKS.

Witnesses:

M. C. LYDDANE,
REA P. WRIGHT.