

F. V. GAGE & H. T. HAZARD.

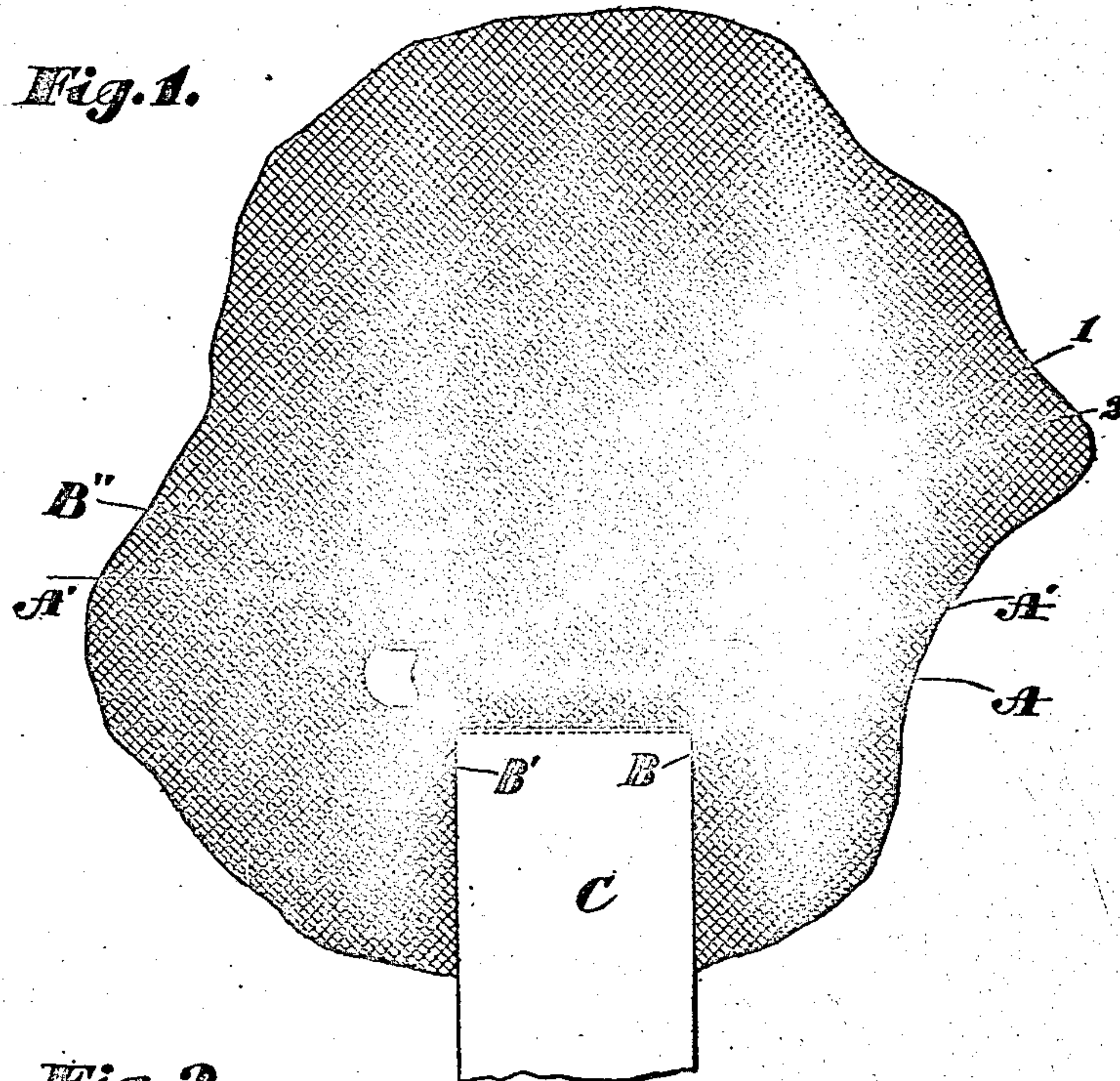
SAFETY PIN.

APPLICATION FILED AUG. 15, 1904.

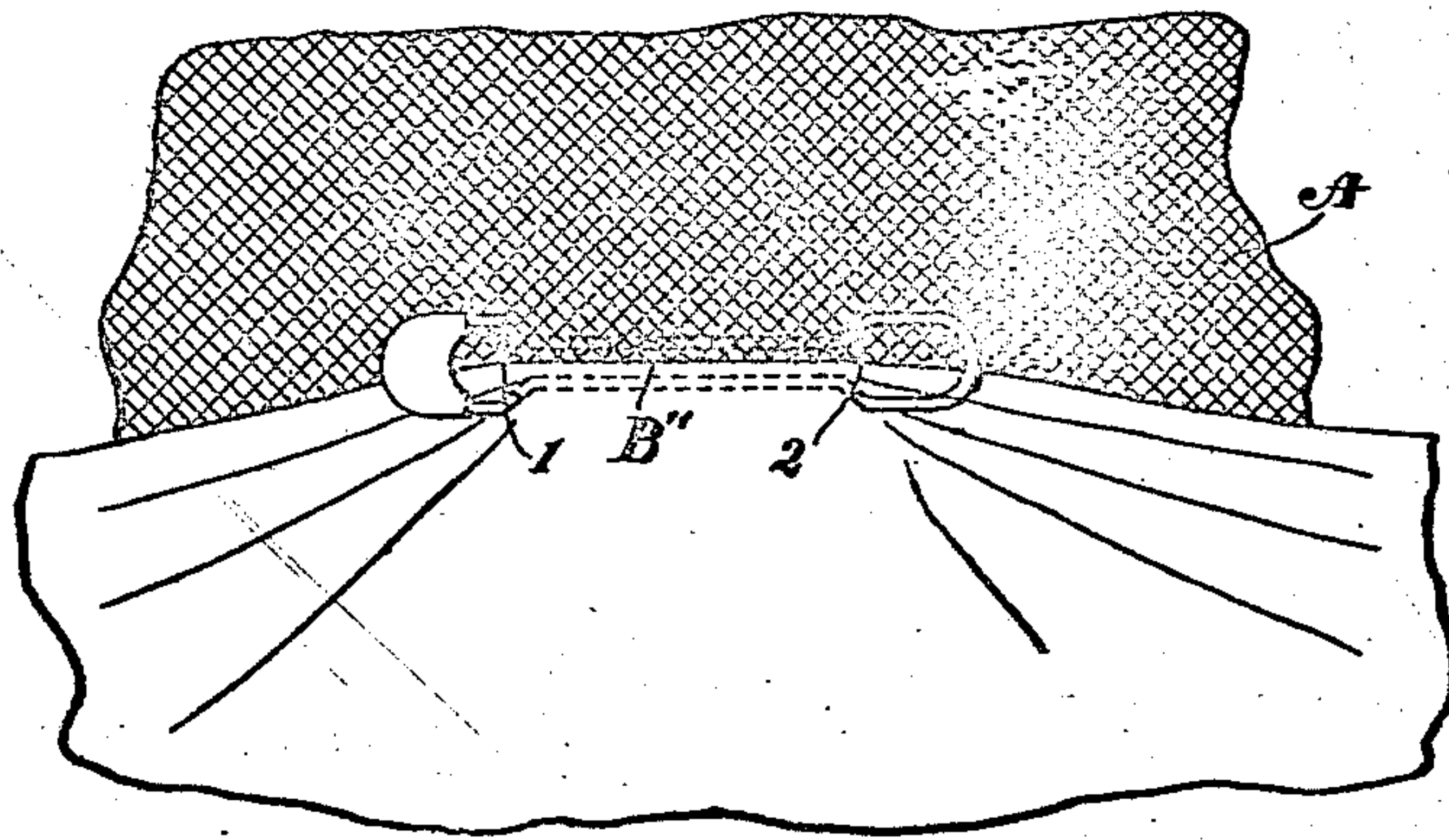
899,106.

Patented Sept. 22, 1908.

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES.

*Wm. C. Chelver.*  
*Chas. L. Hyde.*

INVENTORS

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# UNITED STATES PATENT OFFICE.

FANNIE V. GAGE, OF NEAR DOWNEY, AND HENRY T. HAZARD, OF LOS ANGELES, CALIFORNIA.

## SAFETY-PIN.

No. 899,106.

Specification of Letters Patent.

Patented Sept. 22, 1908.

Application filed August 15, 1904. Serial No. 220,865.

*To all whom it may concern:*

Be it known that we, FANNIE V. GAGE, a citizen of the United States, residing near Downey, in the county of Los Angeles and State of California, and HENRY T. HAZARD, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Safety-Pins, of which the following is a specification.

Our invention consists in providing a safety-pin in which the cloth penetrating member is provided with an inwardly bent off-set, the off-set portion forming outwardly inclined bearing surfaces.

The object of our invention is to provide a safety-pin which will when pinned into the supporting cloth or other textile fabric be held in the position in which it is pinned and will not cant to one side when strain is placed thereon, throwing the pin into an angular position and the cloth or fabric into which it is pinned to one side of the pin causing that end of the pin to bear the entire strain thereon causing the fabric to tear at that point and prevent the pin from lying flat and even against the cloth on which it is pinned.

We accomplish these objects by means of the device described herein and shown in the accompanying drawings in which:—

Figure 1 is a view of a safety-pin embodying our invention in place in the supporting cloth, a connecting web being secured thereto. Fig. 2 is a safety-pin embodying our invention the pin member having two of our inwardly curved off-sets, the pin being in place in the supporting fabric and in place in the fabric supported. Fig. 3 is a plan of our improved safety-pin having two inwardly bent off-sets removed from the cloth.

In the drawings A represents the supporting fabric or cloth into which our safety-pin B is securely pinned.

In Fig. 1 we have shown a safety-pin having an outwardly bent off-set B' to which the web C is secured. In the upper portion of the cloth penetrating member is a downwardly or inwardly turned off-set B". This off-set has two bearing shoulders 1 and 2. These shoulders have an inclination from the

center upwardly and outwardly, the purpose of which is to cause the engaging fabric at the point A' where it engages the pin member to move outwardly toward the respective ends of the pin and to keep these bearing points of the cloth separated one from the other as far as possible thereby holding the pin in a horizontal position. The greater the strain upon the pin the greater will be the tendency of these bearing points in the cloth to spread apart and be held apart, thereby holding the pin in proper horizontal position, or in position at right angles to the strain placed thereon by the supported web or fabric.

In Fig. 2 we have shown the form of the pin adapted for use in pinning two cloths together, the inwardly bent off-set being placed on the upper and the lower part of the pin member, thereby holding both the supporting cloth and the supported cloth in proper position one with the other and causing the bearing points in the respective cloths to be spread apart. This form of pin is also shown detached in Fig. 3. A safety-pin having the inwardly turned off-set providing the inclined outwardly bearing surfaces will automatically cause the supporting cloth to spread apart and the contacting parts through which the needle passes to spread apart and to remain in that position.

Having described our invention what we claim as new and desire to secure by Letters Patent is:—

As an article of manufacture, a safety pin comprising two members, the penetrating member having a straight central portion off-set from the ends of said penetrating member, and the main portion of the other member parallel therewith whereby bearing shoulders are formed between the central portion and the ends of the penetrating pin.

In witness that we claim the foregoing we have hereunto subscribed our names this 11th day of July, 1904.

FANNIE V. GAGE.  
HENRY T. HAZARD.

Witnesses:

G. E. HARPHAM,  
MARGARETE C. NICKELSON.