

(No Model.)

C. E. STEVENS.
SAFETY PIN.

No. 504,634.

Patented Sept. 5, 1893.

FIG. 1.

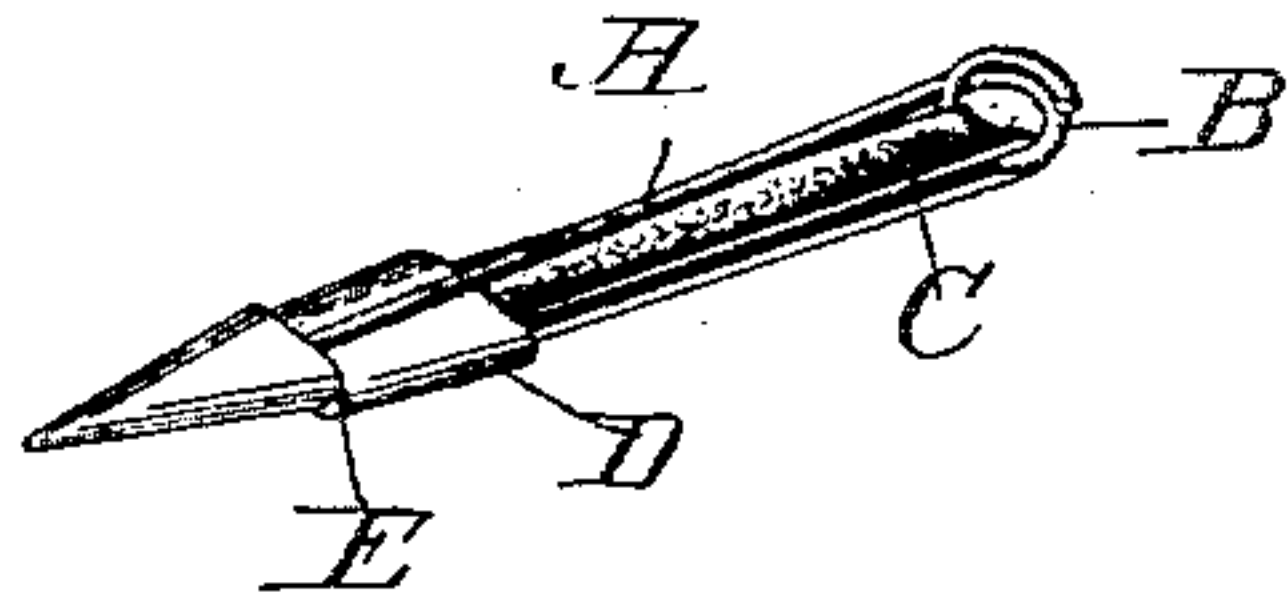


FIG. 2.

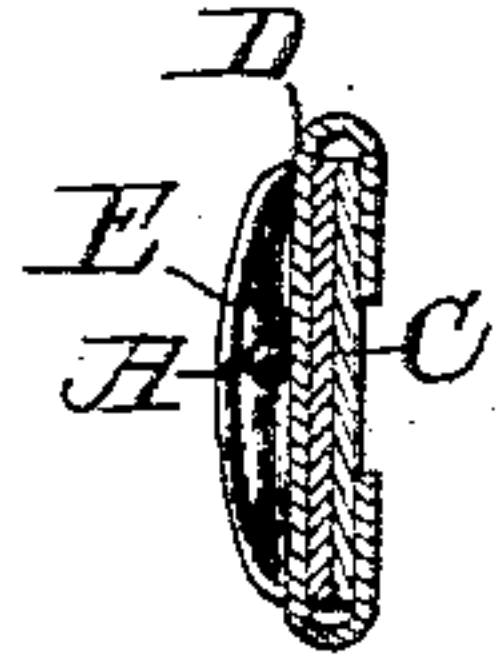


FIG. 3.

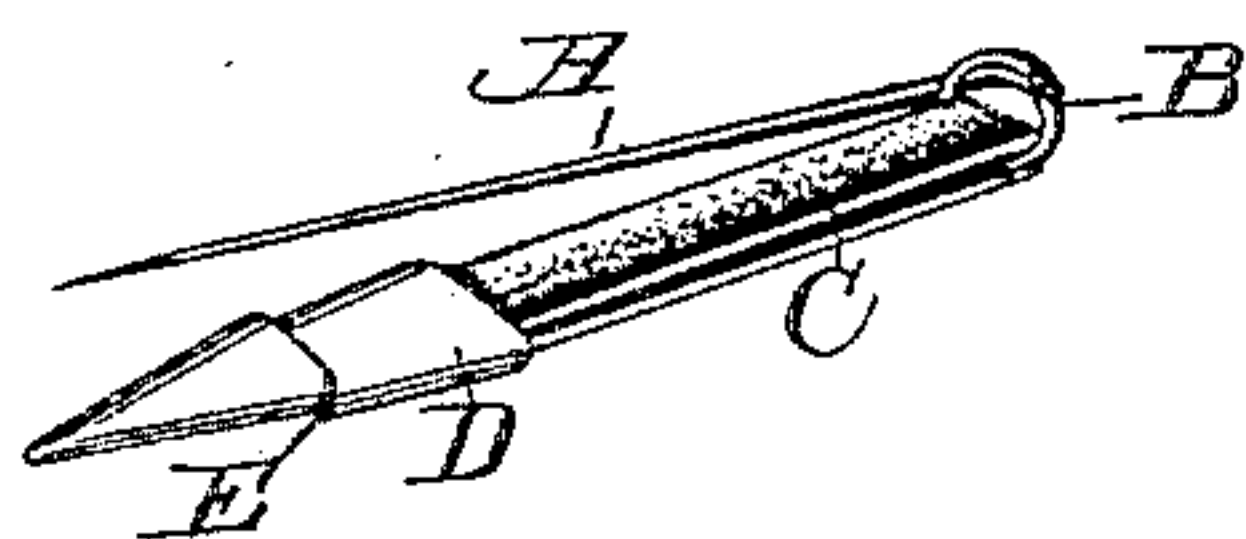
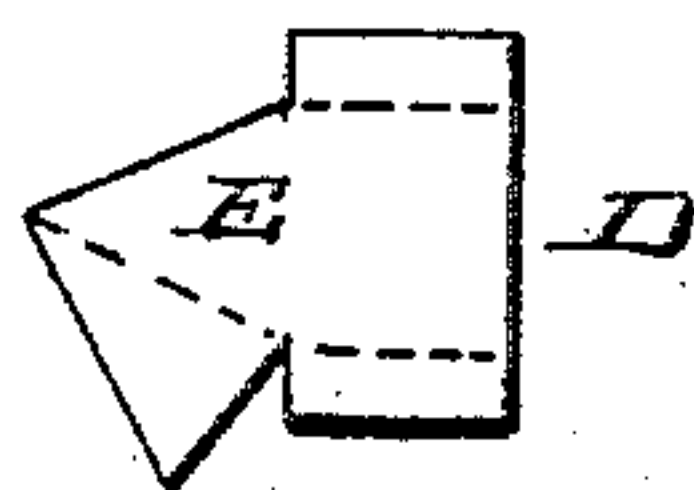


FIG. 4.



Witnesses
John Janice
Geo. F. Kincaid

Inventor
Charles E. Stevens
by John H. Adderbury
his Attorney

UNITED STATES PATENT OFFICE.

CHARLES E. STEVENS, OF HILL CITY, SOUTH DAKOTA.

SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 504,634, dated September 5, 1893.

Application filed December 24, 1892. Serial No. 456,276. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. STEVENS, of Hill City, in the county of Pennington and State of South Dakota, have invented certain
5 new and useful Improvements in Safety-Pins; 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
10 same.

My invention relates to improvements in safety pins for securing separate and detachable parts of garments together, or to be used for such other purposes to which they are applicable.
15

The primary object of my invention is in the matter of simplicity, durability and cheapness of construction.

Other objects and advantages of the invention will appear in the following description in which I have set forth fully the details of construction and the essential features thereof, and illustrated them in the accompanying drawings in which similar letters of reference
20 designate corresponding parts.

Figure 1 is a perspective view of my device. Fig. 2 is a transverse section of the same, and Fig. 3 is a perspective view, with the pin withdrawn from the shield or catch. Fig. 4 is a
30 detail plan view of the blank employed in forming the retaining portions of the pin, one part of which is adapted to receive the end of the pin proper.

Reference being had to the above figures, 35 A represents a pin arm or shank, one end of which is pointed while the other end is bent to form the loop B.

Passing through the loop B is the elastic band C the ends of which are secured to the
40 shield D, which consists of a thin plate of metal, the sides of one end of which are bent together to form the hollow cone-shaped recess E into which the pointed end of the pin

is adapted to pass, while the sides at the other end of the plate are bent backward on the
45 opposite surface of the plate from which the recess E is situated, thus forming a clamp which is adapted to secure the ends of the elastic band to the plate.

To apply the pin, the main shank A, being
50 disengaged from the shield D, is run through the fabric, the end of the shank protruding when the elastic band B is stretched until the entrance to the recessed shield is beyond the end of the pin, when it is allowed to assume
55 its normal position as shown in Fig. 1.

The construction and arrangement of the several parts of my safety pin being thus made known, the advantages of the same will
60 it is thought be readily understood.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

A safety pin, consisting of a pin having a loop B, at one end, and a point at the other
65 end, an elastic band passed through said loop, and a shield, consisting of a thin plate of metal, the sides of one end of which are bent together to form a hollow cone E, into which
70 the pointed end of the pin is adapted to pass while the sides of the other end of the said plate are bent backward on the opposite surface over which the cone E is situated to form a clamp in which the ends of the elastic
75 band are secured, the said part of the shield in which the ends of the band are secured being below the level of the hollow cone, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscrib-
80 ing witnesses.

CHARLES E. STEVENS.

Witnesses:

FRANK A. STEVENS,
C. H. BILLINGS.