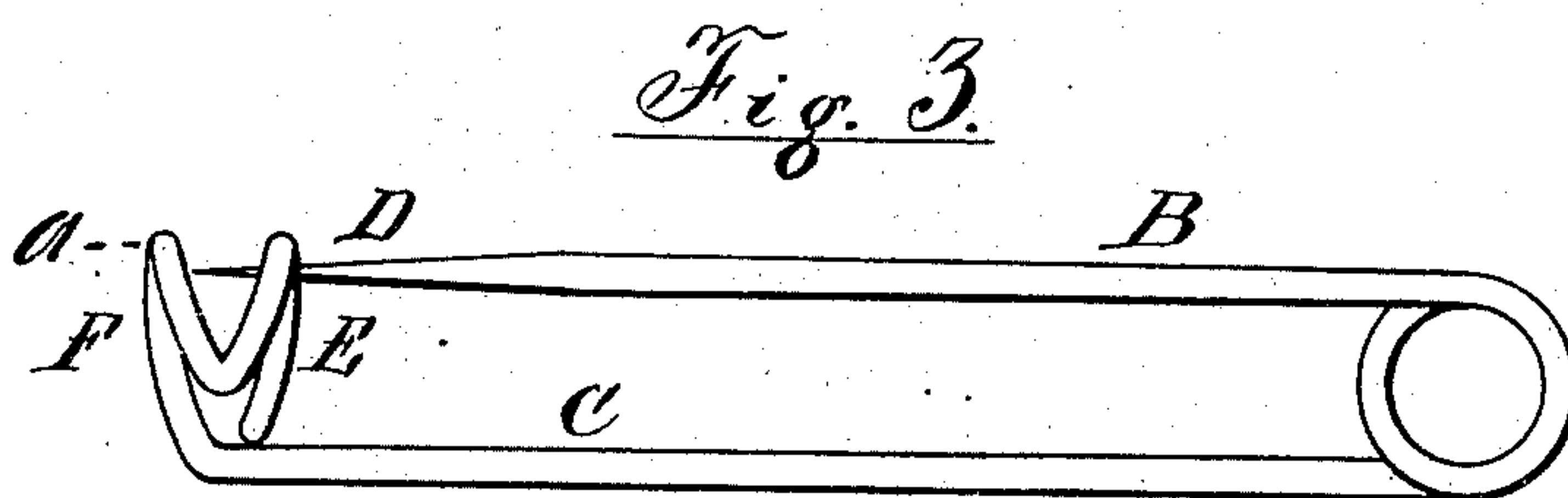
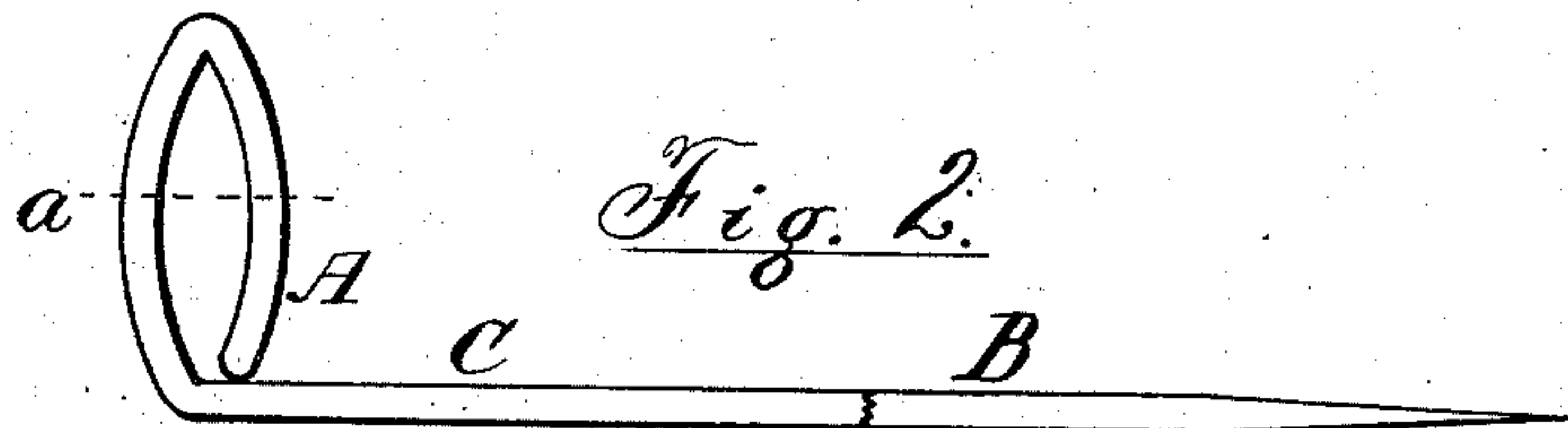
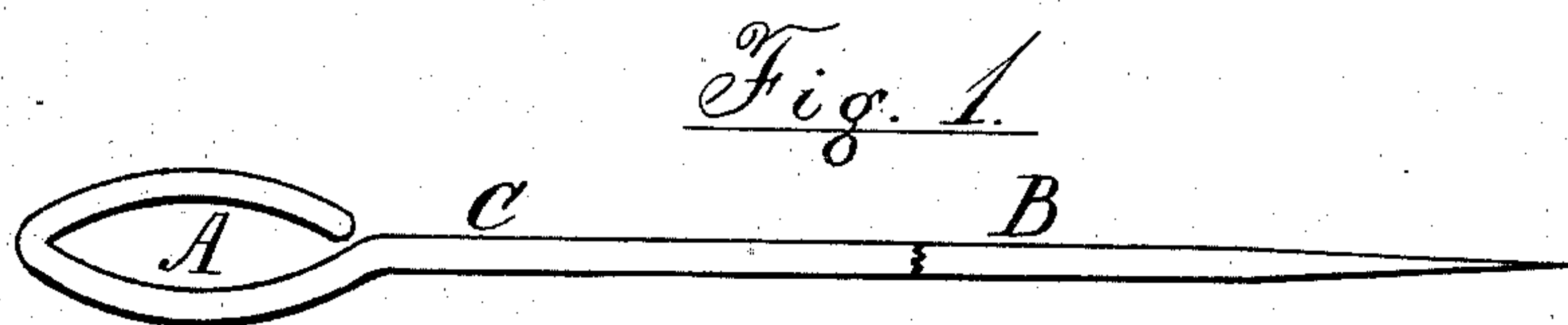


(No Model.)

E. L. PAINE.
SAFETY PIN.

No. 254,837.

Patented Mar. 14, 1882.



Attest:

George B. Adams
H. C. Bristol

Inventor.

Edwin L. Paine
By Horace Harris
Att'y

UNITED STATES PATENT OFFICE.

EDWIN L. PAINE, OF NEWARK, NEW JERSEY, ASSIGNOR TO CHARLES R. LANE, OF SAME PLACE.

SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 254,837, dated March 14, 1882.

Application filed March 5, 1881. (No model.)

To all whom it may concern:

Be it known that I, EDWIN L. PAINE, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Safety-Pins, of which the following is a specification.

My invention relates to an improvement in the method of constructing the safety-pin from one piece of wire, so that the section forming the lock or catch for the pin shall also become a guard for the point, covering the point; and it consists in the order of constructing the lock and shield, as herein set forth.

Figure 1 shows the loop A, which in manufacturing is the first bend in the wire B, and is in the form of an acute ellipse. Fig. 2 shows this loop bent up at right angle with the

shank C. Fig. 3 shows the loop doubled upon itself at *a* on Fig. 2, forming the lock E to engage the pin D, and the outer portion becomes a shield, F, for the point of the pin, shown in position in this figure.

In this way from one piece of wire, in the manner of bending, I form a complete lock and guard for the point of the pin.

I claim—

The safety-pin having the loop A, bent at right angle with the shank C, and folded upon itself at *a*, said fold forming a lock, E, and guard F, substantially as specified.

EDWIN L. PAINE.

Witnesses:

HORACE HARRIS,
GEORGE B. ADAMS.