

(No Model.)

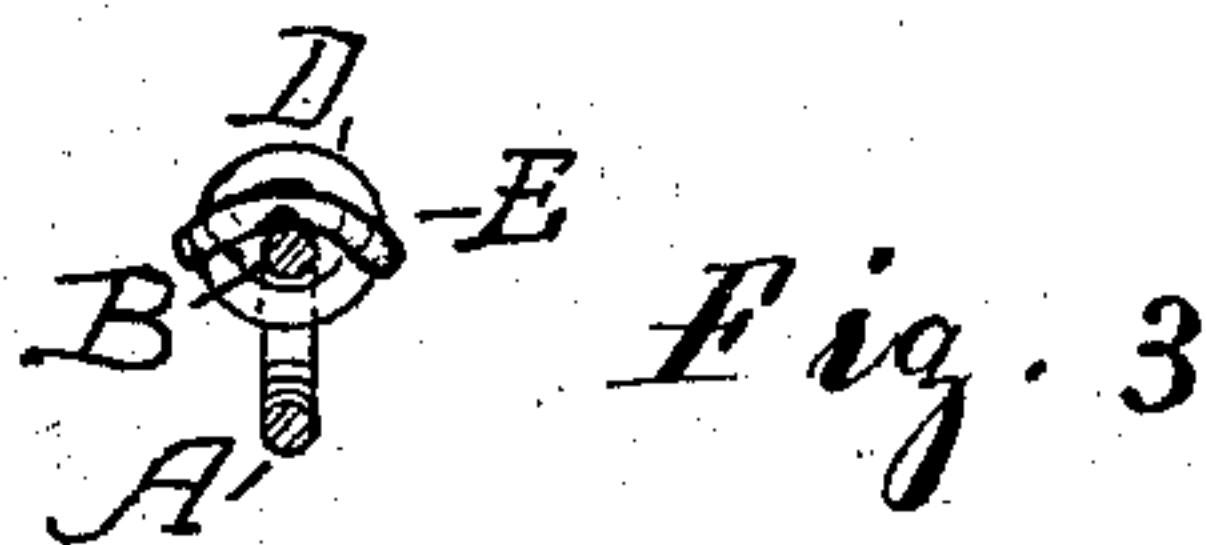
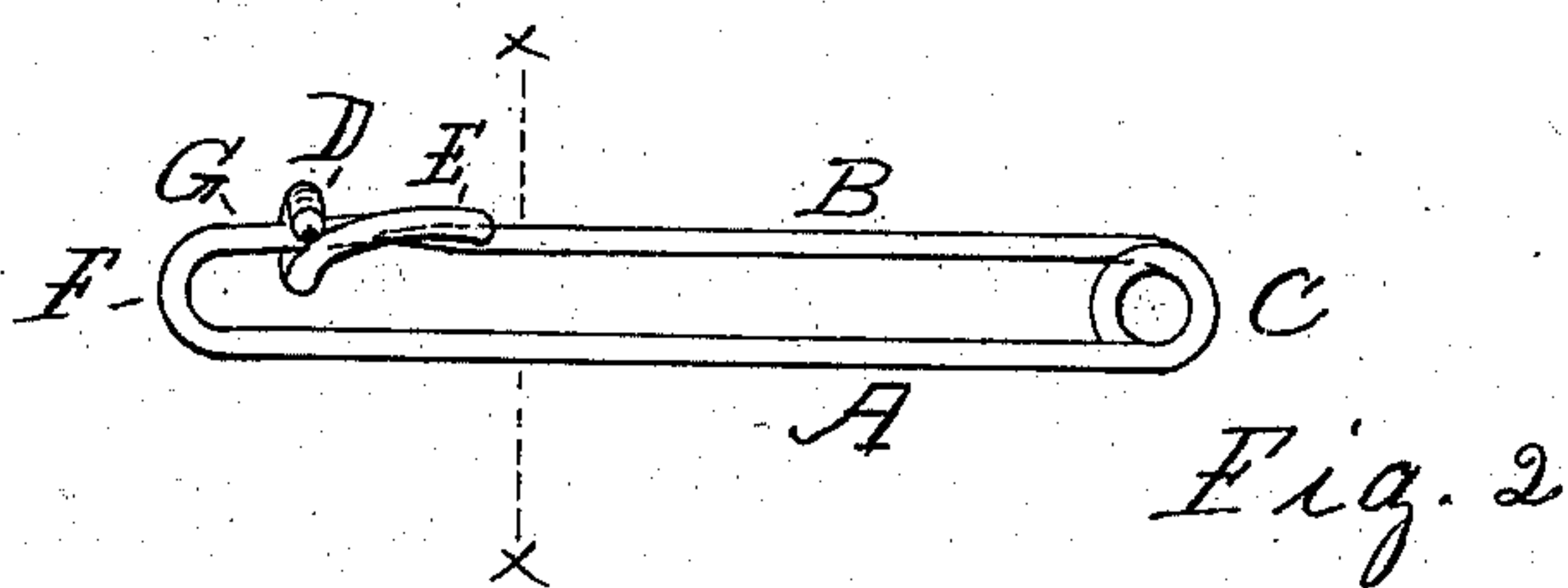
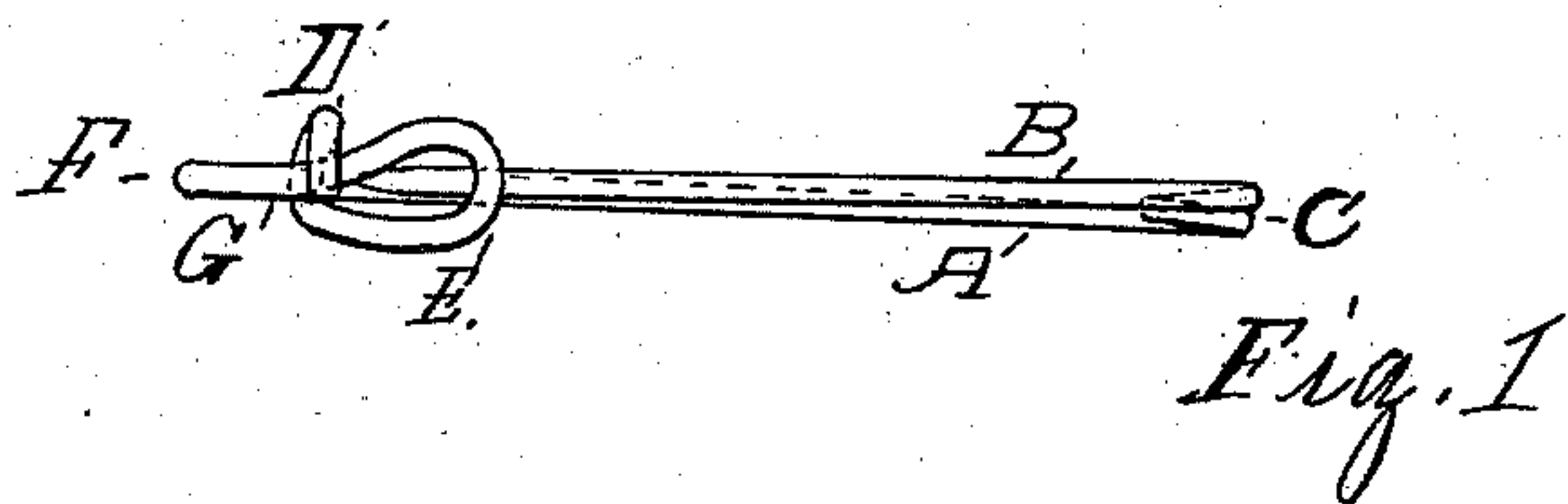
A. VAN HOUTEN, Dec'd.

E. W. VAN HOUTEN and C. VAN HOUTEN, Administrators.

SAFETY PIN.

No. 272,001.

Patented Feb. 6, 1883.



Witnesses  
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*Per Horace Harris Atty*

# UNITED STATES PATENT OFFICE.

ELEANOR W. VAN HOUTEN, OF NEWARK, AND CORNELIUS VAN HOUTEN,  
OF BELLEVILLE, NEW JERSEY, (ADMINISTRATORS OF ABRAM VAN  
HOUTEN, DECEASED.)

## SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 272,001, dated February 6, 1883.

Application filed July 27, 1882. (No model.)

*To all whom it may concern:*

Be it known that ABRAM VAN HOUTEN, deceased, late of Newark, in the county of Essex and State of New Jersey, represented in this application by ELEANOR W. VAN HOUTEN and CORNELIUS VAN HOUTEN, above-named administrators, did invent a new and useful Improvement in Safety-Pins, of which the following is a specification.

10 This invention relates to an improvement in safety-pins made from one piece of wire, providing for locking under a flat or horizontal loop and from either side, with a suitable additional guard for the point of the pin; and it  
15 consists in the devices substantially as herein-after set forth.

Figure 1 is a plan. Fig. 2 is a side elevation. Fig. 3 is a cross-section on a line of  $x x$  on Fig. 2.

20 In my construction the shank A, united to the pin portion B by the coil C, terminates at the opposite end in the lock and guard D E, so arranged that the loop E, under which the pin locks, lies flat or horizontal relatively to the  
25 shank, and may be approached by the pin in locking from either side.

In forming the lock and guard the shank is bent at F up and over onto itself for a short distance. The end G is then bent back toward  
30 F on a plane with itself, making a flat loop

long enough to engage under it the point of the pin; and then beyond this point the end G is further bent under and around over, making a loop, H, around the part G. The part of this loop D above the part G forms a guard 35 to prevent any possibility of the point of the pin working through the loop E and pricking while in use. The end of the loop E is made with a notch, I, in which the pin will rest, held by its own elasticity when in use; or the sides 40 are bent over for the purpose, as seen in Fig. 3; and the loop E in itself, between its sides, is a guard for the point of the pin, which is, however, further protected by the guard D.

I claim—

45 The safety-pin made from one piece of wire, having the loop or lock E bent over inward from the end and lying in a horizontal position, and the guard D, made from the wire forming one part of said lock, bent under and around 50 the part G back of the lock E, substantially as and for the purpose specified.

ELEANOR W. VAN HOUTEN,  
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*Administrators of the estate of Abram Van Houten.*

Witnesses:

H. FREEMAN NEEFUS,  
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