

F. Catlin,

Safety Pin.

No. 95,424.

Patented Oct. 5, 1869.

Fig. 1.

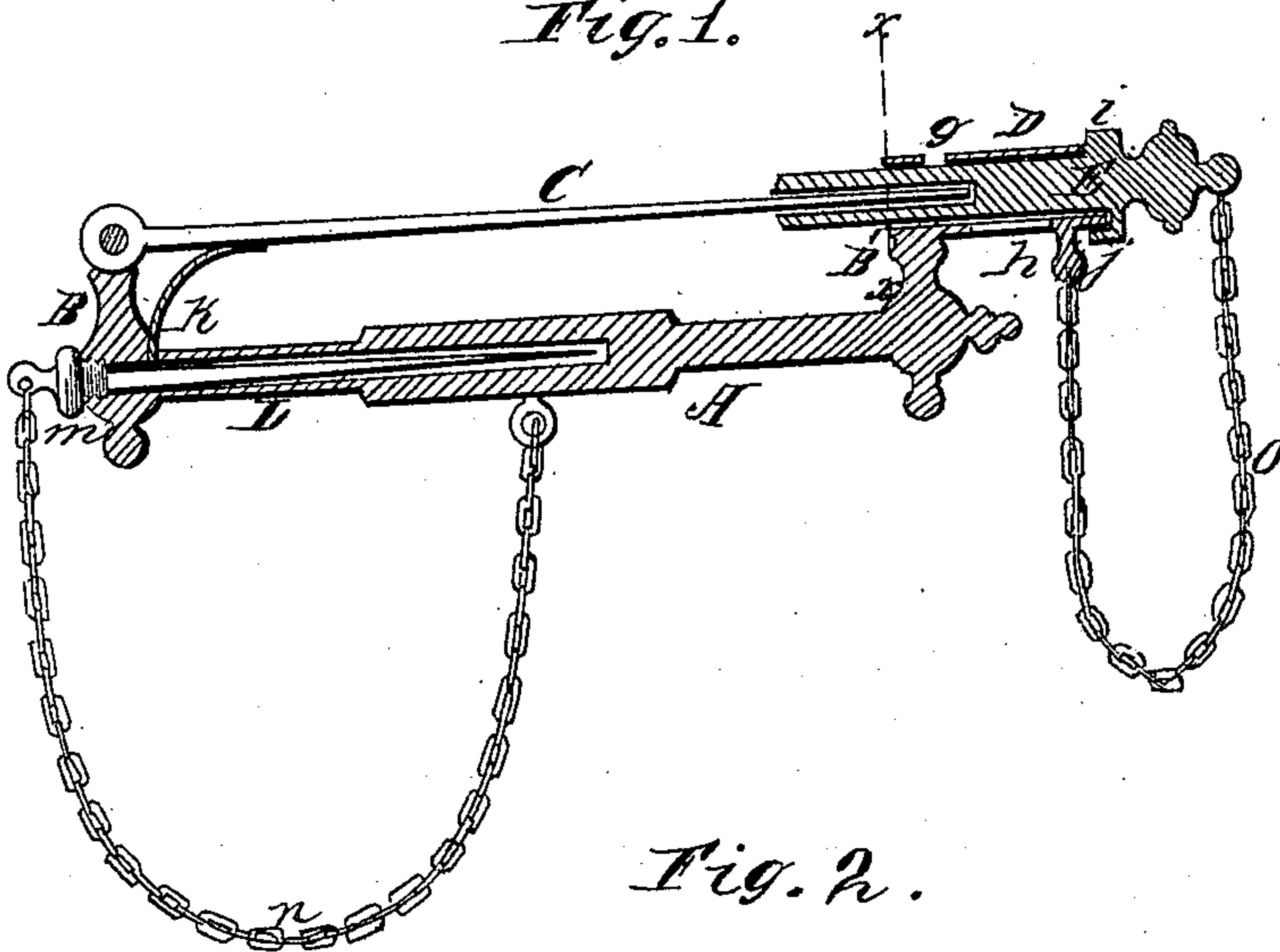


Fig. 2.

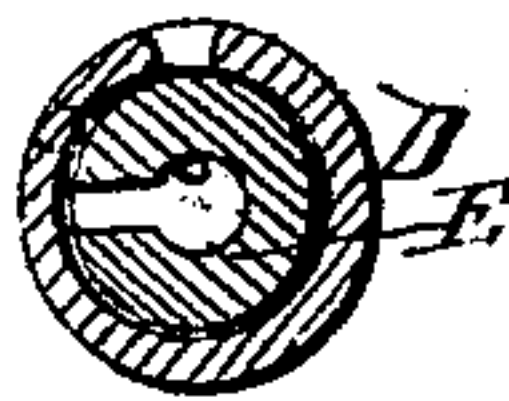
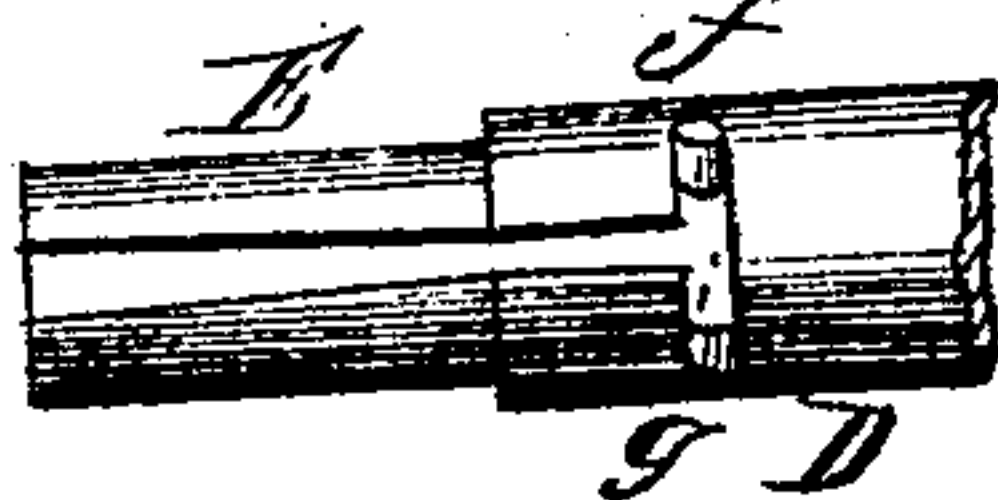


Fig. 3.



Witnesses

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FREDERICK CATLIN, OF NEW YORK, N. Y.

Letters Patent No. 95,424, dated October 5, 1869.

IMPROVEMENT IN SAFETY-PINS FOR SECURING CLOTHING.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FREDERICK CATLIN, of the city, county, and State of New York, have invented a new and useful Improvement in Safety-Pin; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in pins for fastening shawls and other articles of clothing, as well as jewelry, porte-monnaies, pocket-books and other articles of value, and consists in the construction, arrangement, and combination of parts, as hereinafter more fully described.

In the accompanying sheet of drawings—

Figure 1 represents a central longitudinal section of a pin, constructed according to my invention.

Figure 2 is a cross-section on the line $x x$ of fig. 1.

Figure 3 is a detailed view, showing the stop-arrangement on the top of the pin.

Similar letters of reference indicate corresponding parts.

A is the back of the pin, which is tubular, and near to the ends of which are the two studs B B', attached. The pin proper, C, is hinged to B, while the tube D is fastened to the other.

E is a slotted shanked knob, which works in D, and is fastened therein by the pin f , (seen in fig. 3,) by means of a transverse slot g , in the tube D. This slot allows the knob E to make about one-fourth of a revolution in the tube D.

Both the tube D and the shank E are slotted, to admit the pin C, as seen in figs. 2 and 3. In fig. 1, the pin is seen in place in the shank, as when in use.

When the pin is thus fastened, the knob is pre-

vented from turning by the spring-lock h , fig. 1, which enters the collar i of the knob, as seen at j , and holds it rigidly in place.

To loosen the pin C, the bolt h is pressed back when the knob is turned, so that the pin f , in the shank E, strikes one extremity of the slot g , when the two slots in the knob and the tube stand as seen in fig. 3. The pin is then thrown up by the spring k , which bears against the pin with a constant pressure. When the pin in the knob is turned to the other extremity of the slot g , it is confined, and the bolt h springs forward and locks it fast.

The back A is tubular, and L is an independent pin, which is concealed therein when not in use, as seen in the drawing. This pin L screws into the end of the back A, as seen at m , and is connected with the back by the chain n . It may be used for securing another article of dress, or as additional security for articles worn or carried, either for use or ornament.

O is a chain, which unites the spring-bolt h with the end of the knob E.

I claim as new, and desire to secure by Letters Patent—

1. The tubular back A, studs B B', spring k , spring-bolt h , slotted tube D, slotted knob E, and pin C, combined and operating substantially as described, for the purposes set forth.

2. In combination with the above, the pin L, substantially as herein described, for the purpose specified.

The above specification of my invention signed by me, this 17th day of March, 1869.

FREDERICK CATLIN.

Witnesses:

FRANK BLOCKLEY,
E. GREENE COLLINS.