

F. Catlin,
Jewelry.

No. 92,163.

Patented July 6. 1869.

Fig. 1.

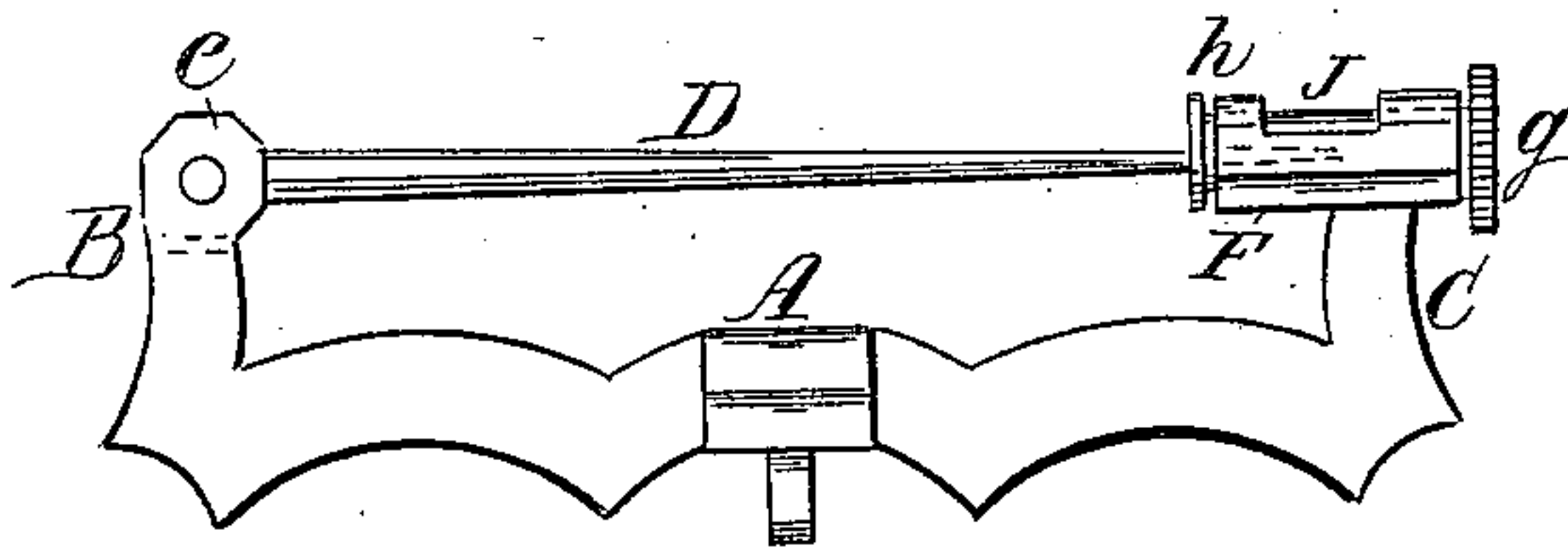
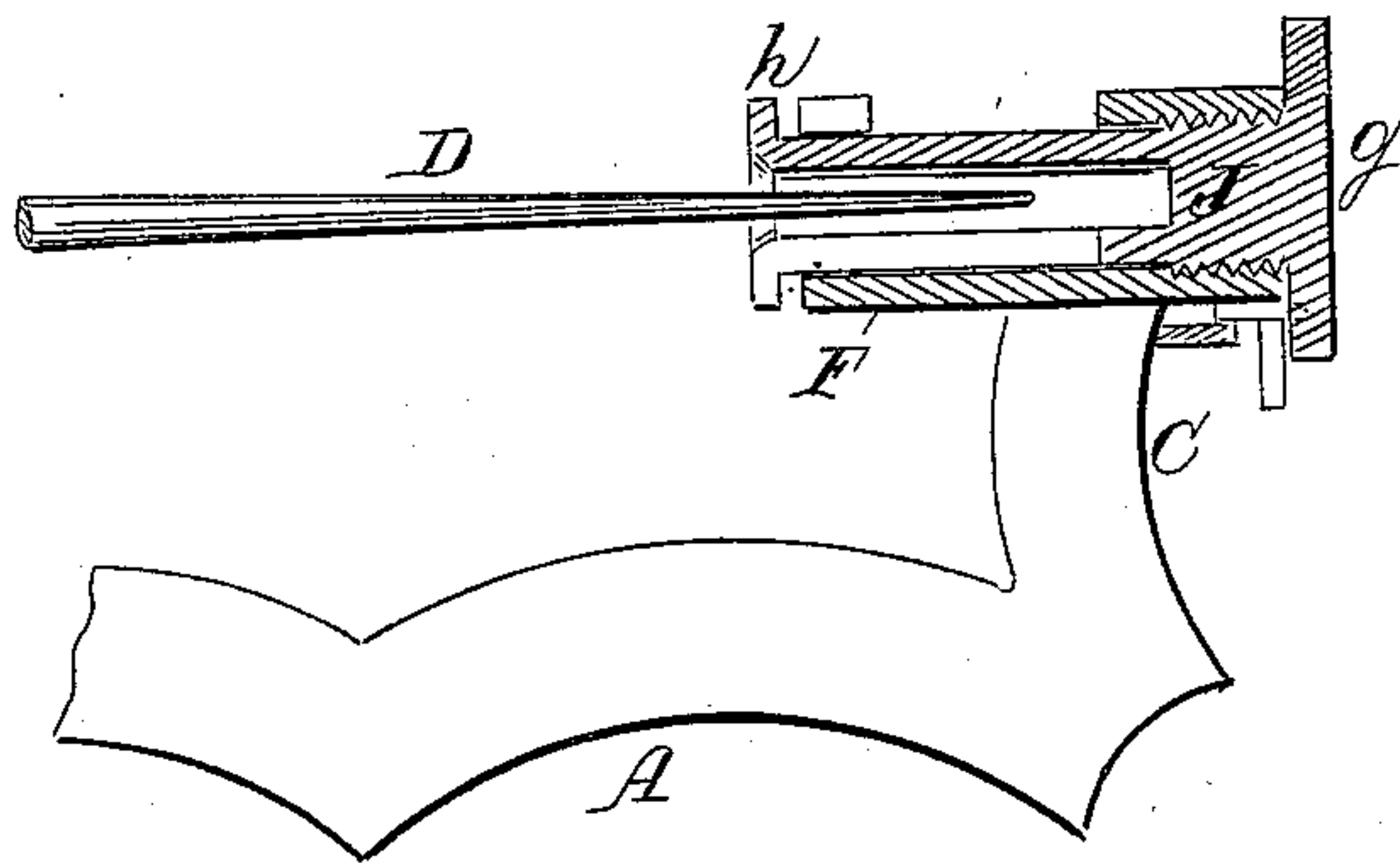


Fig. 2.



Witnesses

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FREDERICK CATLIN, OF NEW YORK, N. Y.

Letters Patent No. 92,163, dated July 6, 1869.

IMPROVEMENT IN SAFETY-ATTACHMENTS FOR BREAST-PINS.

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 New York, in the county of New York, and State of New York, have invented a new and useful Improvement in Safety-Pins; 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, diapers, and articles of clothing, pocket-books, reticules, jewelry, and for all other purposes to which a safety-pin is applicable.

The invention consists in the combination of a sliding bolt with the fixed tube and the slotted rotary tube, whereby they are locked together, and prevented from being turned to release the point of the pin when in use, as will be hereinafter more fully described.

In the accompanying plate of drawings—

Figure 1 represents a longitudinal side view of a shawl or safety-pin, constructed according to my invention.

Figure 2 is a magnified sectional view of the same, showing more plainly the construction of the tubes.

Similar letters of reference indicate corresponding parts.

A represents the back or support of the pin, and of the fastening-device.

B C are end pieces attached to the back, A, which stand at, or nearly at right angles therewith.

D is the pin proper.

To the end B, the pin D, is hinged, as seen at *e*.

The fastening-device is attached to the end C.

This consists of an outer tube, E, which is soldered or fixed fast to the end C.

In this tube there is a longitudinal slot for admitting the point of the pin. A screw-thread is cut in the outer end of this tube, E, as seen in the drawing, fig. 2.

J represents the inner tube, which is provided with a screw-thread on its outside, so that it screws into F, as seen in fig. 2.

On its outer end there is a milled disk, *g*, by which the tube is turned.

On its inner end there is a flange or collar, *h*, to prevent its being drawn out or from the tube F.

This tube is also slotted longitudinally for admitting the point of the pin D.

There is a slight longitudinal movement allowed to this inner tube, which is limited by the disk *g* and collar *h*, and it is so placed in the outer tube F, that by giving the tube a partial turn to the left, the collar *h* will come in contact with the end of the tube F, when the movement will stop. In this position the slots in both the tubes will register or correspond, so that the pin D can be dropped down into the inner tube.

Now, by turning the inner tube a part of a revolution to the right, its slot passes down into the outer tube, the milled disk *g* is brought in contact with the outer end of the tube F, and secured there by the sliding bolt *b*, as shown in red color in fig. 2.

This bolt is attached to the side of the tube F, and when it is thrown out, its free end fits into a recess formed in the under side of the milled disk *g*, and thereby firmly locks the tubes J J together, to prevent their turning. By this means the point of the pin is securely held in position, and all danger of its being causally displaced and lost, is avoided.

It will thus be seen, that by this simple and inexpensive arrangement, a long-sought for article is found, the use of which, for securing, not only articles of wearing-apparel, but articles of more value, as pocket-books, portmonnaies, jewelry, &c., may be extended almost indefinitely.

Having thus described my invention,

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

The combination of the sliding bolt *b* with the milled disk *g*, slotted movable tube J, and fixed tube F, arranged as described, for the purpose of locking the tubes together, as herein described, for the purpose specified.

The above specification of my invention signed by me, this 8th day of December, 1868.

FREDERICK CATLIN.

Witnesses:

F. BLOCKLEY,

ALEX. F. ROBERTS.