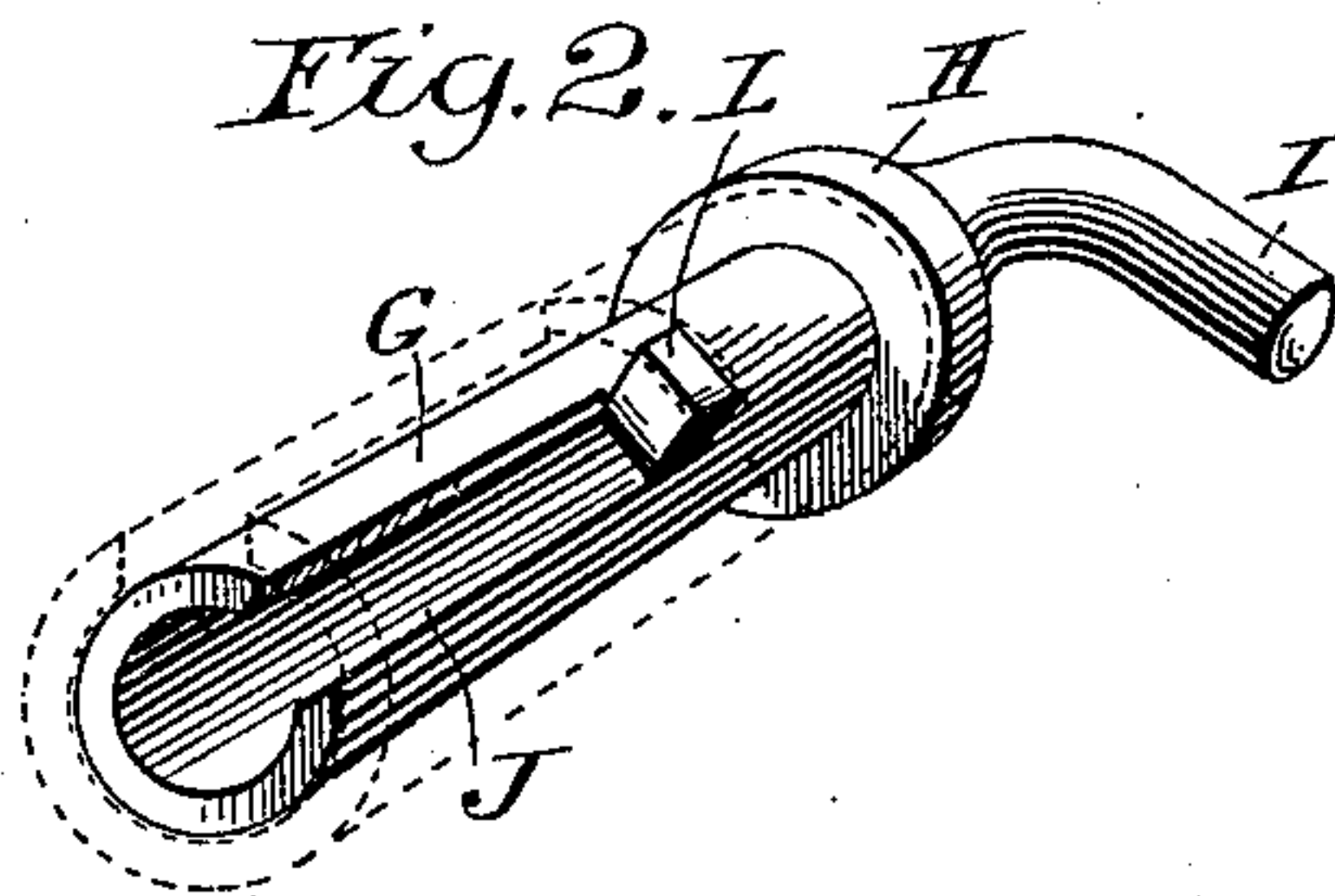
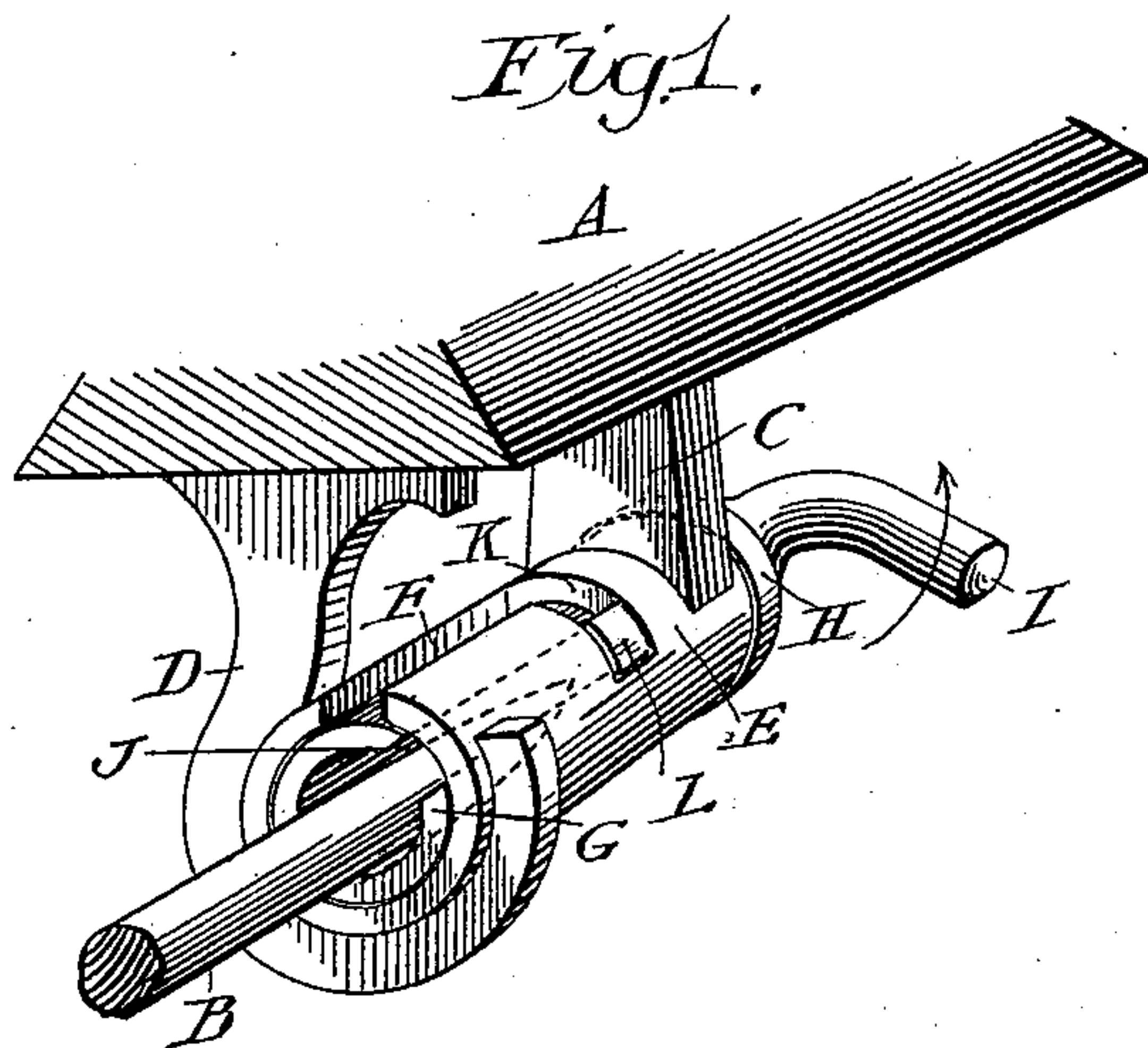


(No Model.)

M. E. OPPENHEIMER.  
LACE PIN FASTENING.

No. 401,053.

Patented Apr. 9, 1889.



WITNESSES:

*J. D. Garfield*  
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INVENTOR:

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BY *Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

MILTON E. OPPENHEIMER, OF NEW YORK, N. Y.

## LACE-PIN FASTENING.

SPECIFICATION forming part of Letters Patent No. 401,053, dated April 9, 1889.

Application filed January 31, 1888. Serial No. 262,532. (No model.)

*To all whom it may concern:*

Be it known that I, MILTON E. OPPENHEIMER, of the city, county, and State of New York, have invented a new and useful Improvement in Lace-Pin Fastenings, of which the following is a full, clear, and exact description.

This invention relates to an improvement in pin-fastenings for lace-pins, brooches, tail-pins, and the like, in which a tube having a pin-slot and a sleeve surrounding the tube and adapted to close the slot therein are mounted on the body of the pin in position to engage and secure the same against accidental unfastening.

The object of my improvement is to afford greater security, strength, simplicity, and convenience in manipulation than has been heretofore attained.

The invention consists of certain novel combinations of parts and details of construction, hereinafter described in detail, and distinctly pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of a part of a lace-pin provided with a fastening embodying my improvement; and Fig. 2 is a perspective view of the inner tube and attachments, the outer sleeve being indicated in dotted lines.

To the body A, to which the pin B is presumed to be jointed in the usual way, are attached a rigid arm, C, and a short distance inside the same a hook, D, the end of the arm C and the interior of the hook D being preferably curved on the same circle to serve for the secure attachment of the ends of a cylinder or sleeve, E, to said curved portions.

The sleeve E is open at both ends, and is formed with a longitudinal slot, F, opening

at its inner end and extending to or nearly to the arm C, and in the sleeve is fitted to turn a tube, G, having on its outer end a handle, I, and a collar, H, abutting against the outer end of the sleeve. The inner end of the tube G coincides with that of the sleeve E, and is formed with a longitudinal slot, J, adapted to be brought into or out of register with the slot F in the sleeve to release or lock the pin by turning the handle I on the tube.

The sleeve E is formed with a laterally-extending slot, K, leading from the inner end of its longitudinal slot F, and the tube G with a lug, L, adapted to ride in the lateral slot K, and to stop the tube in its pin locking and releasing positions, respectively, on striking the ends of said lateral slot.

I prefer to form the stop-lug on the tube G by turning up the strip of metal cut out thereof to form the longitudinal slot J, and cutting off the same to the proper length.

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

1. In a lace-pin, the combination, with a sleeve provided with a longitudinal slot and a transverse slot at the end of the said longitudinal slot, of a longitudinally-slotted tube fitting in the sleeve and provided with a stop at the end of the slot, a collar abutting against the sleeve, and a handle projecting from the collar, substantially as described.

2. In a lace-pin, the combination, with the body A and the sleeve E, secured to the body and provided with the longitudinal slot F and the transverse slot K, of the tube G, provided with the slot J, the stop L, the shoulder H, and the handle I, substantially as described.

MILTON E. OPPENHEIMER.

Witnesses:

JOHN W. HESSE,

H. P. DOREMUS.