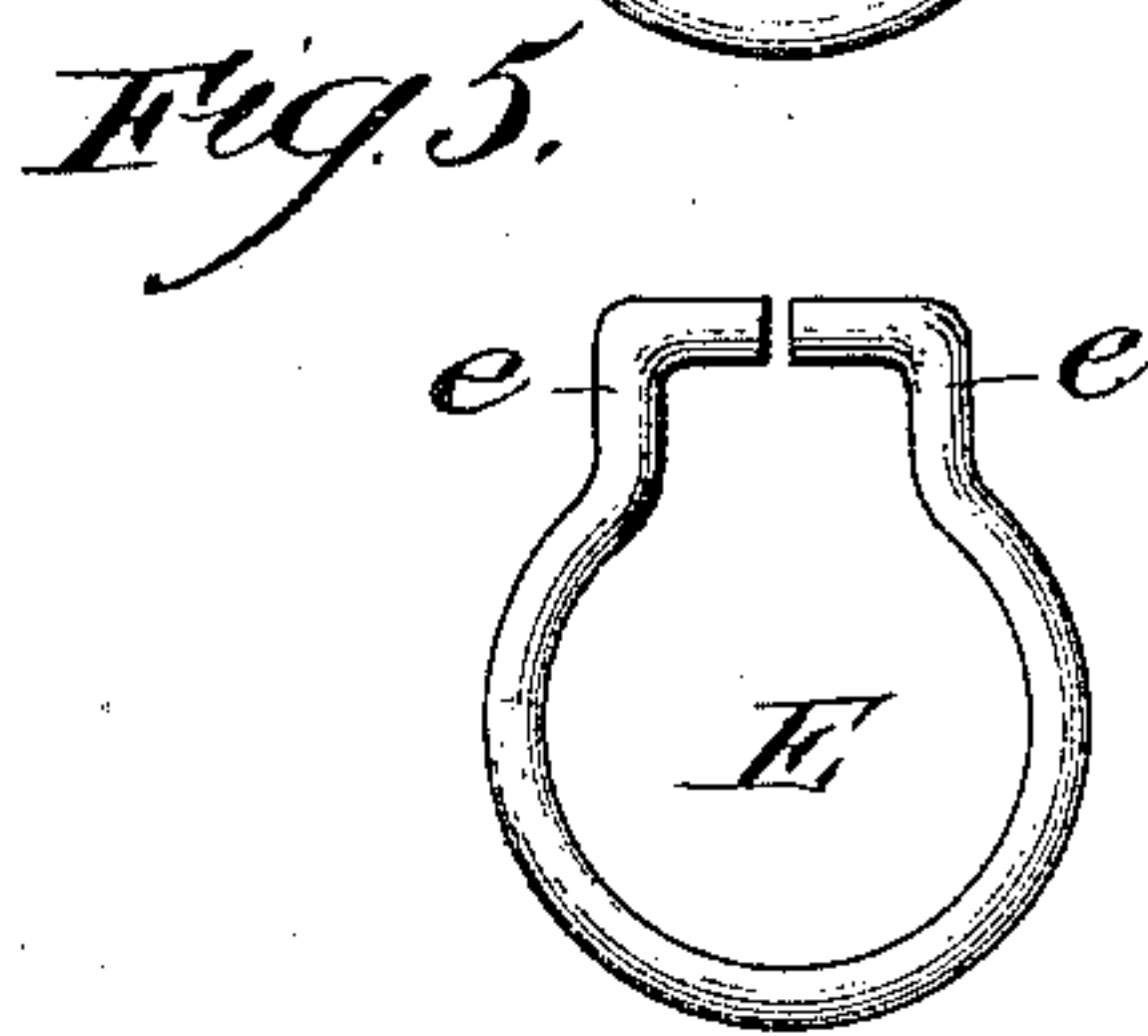
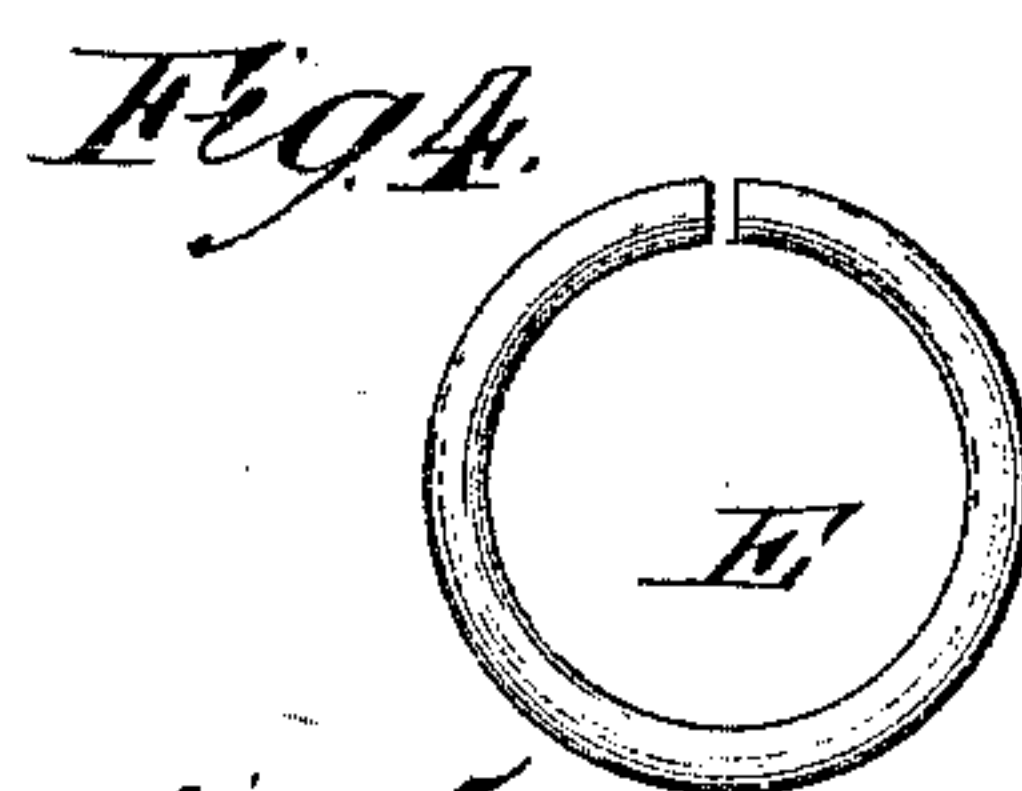
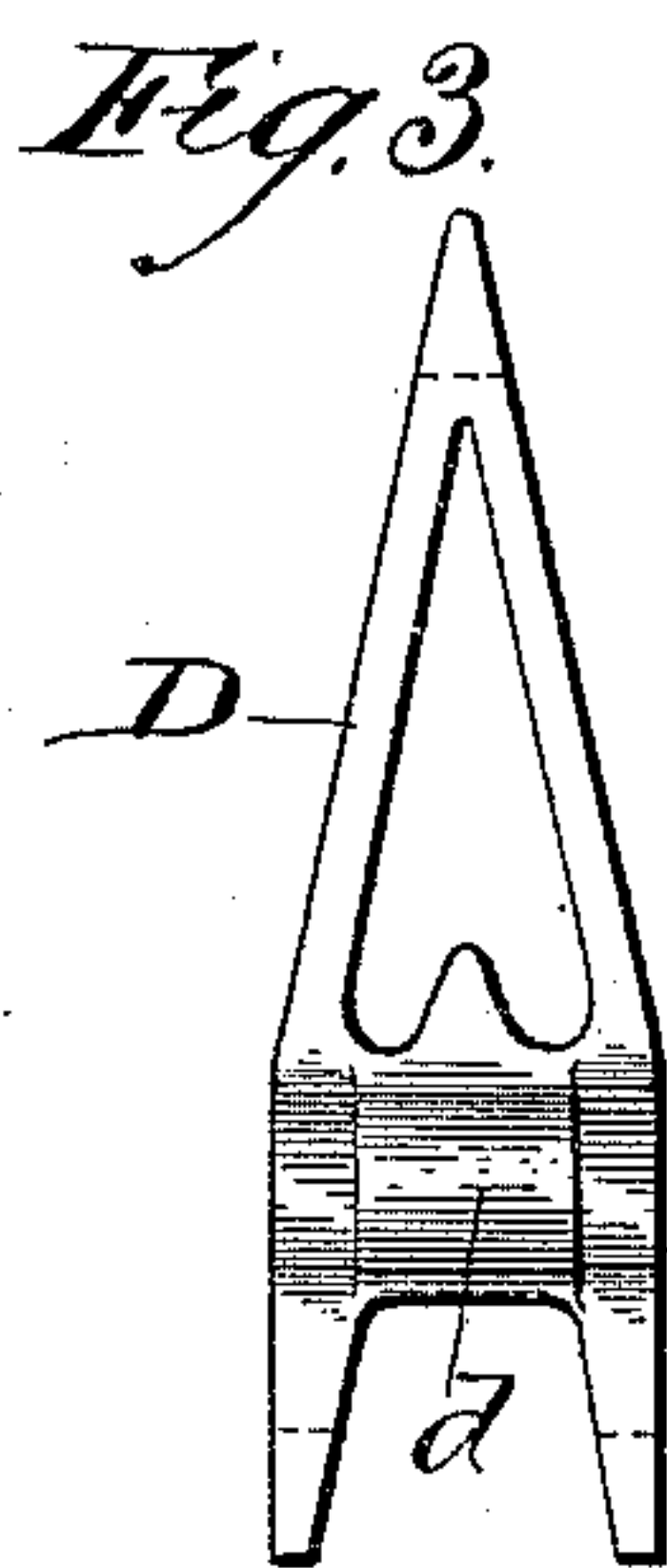
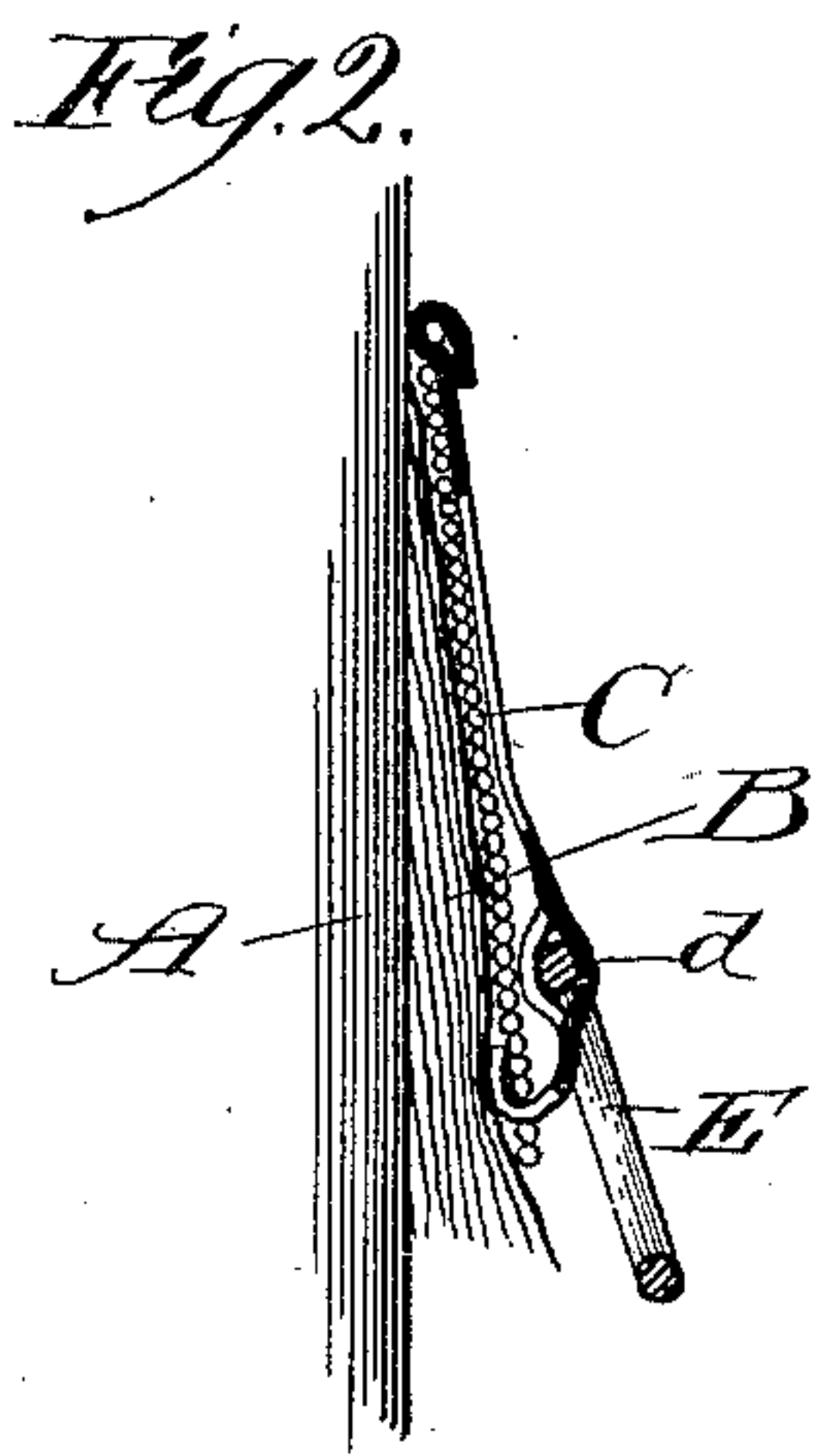
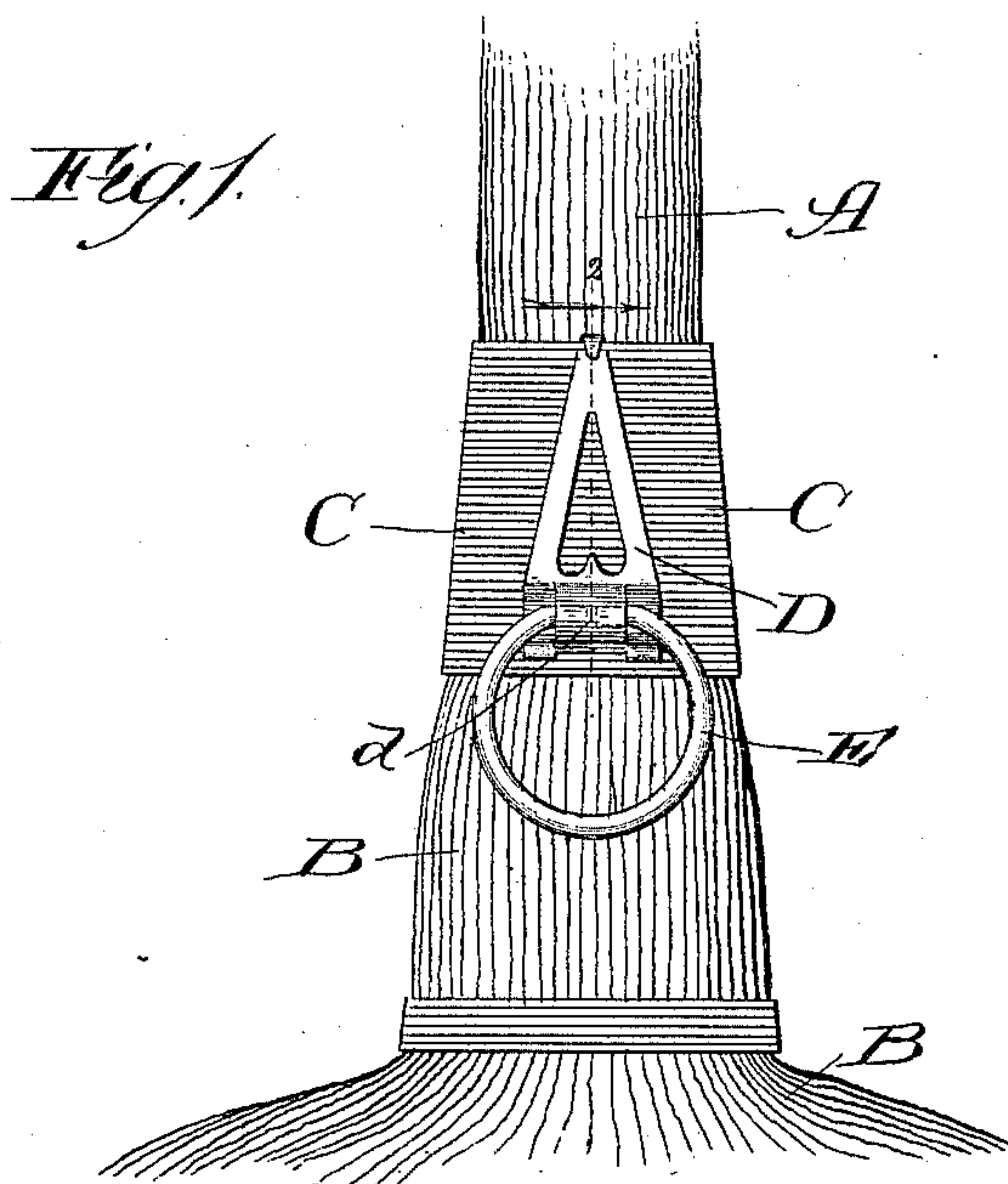


(No Model.)

R. D. MARKHAM.  
BROOM HANGER.

No. 424,323.

Patented Mar. 25, 1890.



Witnesses:  
*Edw. C. Gaylord,*  
*Clifford H. White.*

*Inventor*  
*Romondo D. Markham,*  
*By Banning & Banning & Payson,*  
*Attys*

# UNITED STATES PATENT OFFICE.

ROMONDO D. MARKHAM, OF CHICAGO, ILLINOIS.

## BROOM-HANGER.

SPECIFICATION forming part of Letters Patent No. 424,323, dated March 25, 1890.

Application filed December 30, 1889. Serial No. 335,389. (No model.)

*To all whom it may concern:*

Be it known that I, ROMONDO D. MARKHAM, a citizen of the United States, residing at Chicago, Illinois, have invented a new and useful Improvement in Broom-Hangers, of which the following is a specification.

The object of my invention is to provide a simple device by means of which the broom may be hung up when not in use, consisting of a piece of sheet metal adapted to be attached to the corn or the run-down of a broom, serving in the latter case to bind or lock such rundown, and a divided ring secured to the piece of metal with the axis of the ring at right angles to the axis of the broom-handle, whereby when the broom is suspended by means of the ring it will hang vertically, taking up very little room.

In the drawings, Figure 1 is a front elevation of a portion of a broom provided with my improvements; Fig. 2, a side elevation, partly in section, of a portion of Fig. 1; Fig. 3, a plan view of the sheet-metal fastener, and Figs. 4 and 5 plan views of two forms of rings. A is the broom-handle; B, the corn; C, the rundown; D, the sheet-metal fastener, and E the ring.

In constructing my improved hanger I first make out of any suitable sheet metal the fastener D. This is preferably made in the shape shown more particularly in Fig. 3; but I do not regard this shape as essential. The fastener is preferably made with two slits, the portion between these slits being bent or bowed, as shown at *d*, to receive the ends of a divided ring E. The ends of this ring are left separated or are not welded together, as shown in Figs. 4 and 5, forming what I have termed a "divided ring," whereby the ends may be sprung apart in order to attach the ring to the loop *d*. The ring is preferably made, as shown in Fig. 5, with shoulders *e e* to prevent slipping in the fastener, but may be circular, if desired, Fig. 4, or in any

suitable shape. The fastener is secured to the broom, as shown in Fig. 1, by inserting its ends under the wire that fastens the corn to the stick. This is preferably done when the wire of the rundown is being wound about the broom, the lower end of the fastener being first secured in place, and the fastener then bent up against the corn and one or more coils of the rundown wound over the upper end of the fastener, the end of which is then bent back over the coils. (See Figs. 1 and 2.) The ring may then be sprung into place, or it may be attached to the fastener before the latter is secured to the broom.

The fastener may be attached to the broom below the rundown, if desired, but should always be so attached that the axis about which the ring turns shall be at right angles to the axis of the stick. In this way the broom when hung up by the ring will always hang vertically.

The fastener can be made in various ornamental shapes, or may be colored, so as to add to the appearance of the broom.

I claim—

1. A broom-hanger comprising the fastener D, adapted to be held in place by the fastening-wire of the broom, and provided with the bent or bowed portion *d*, and the divided ring E, adapted to engage with the portion *d*, substantially as described.

2. The combination of a broom, a sheet-metal fastener secured to the fastening-wire thereof, provided with a bent or bowed portion *d*, and a divided ring E, provided with shoulders *e e*, and engaging with the fastener, the axis of the ring being at right angles to the axis of the broom, substantially as described.

ROMONDO D. MARKHAM.

Witnesses:

GEORGE S. PAYSON,  
SAMUEL E. HIBBEN.