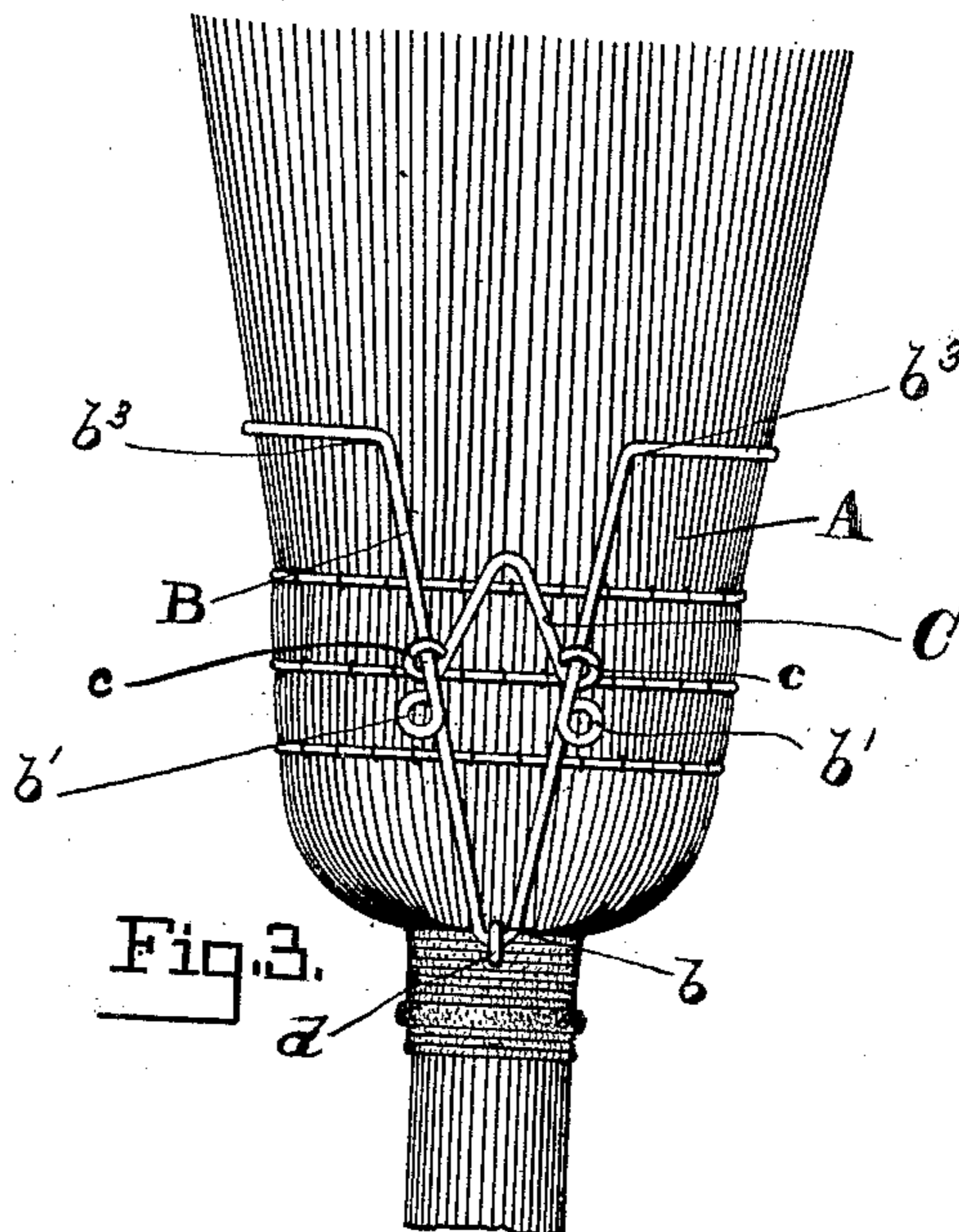
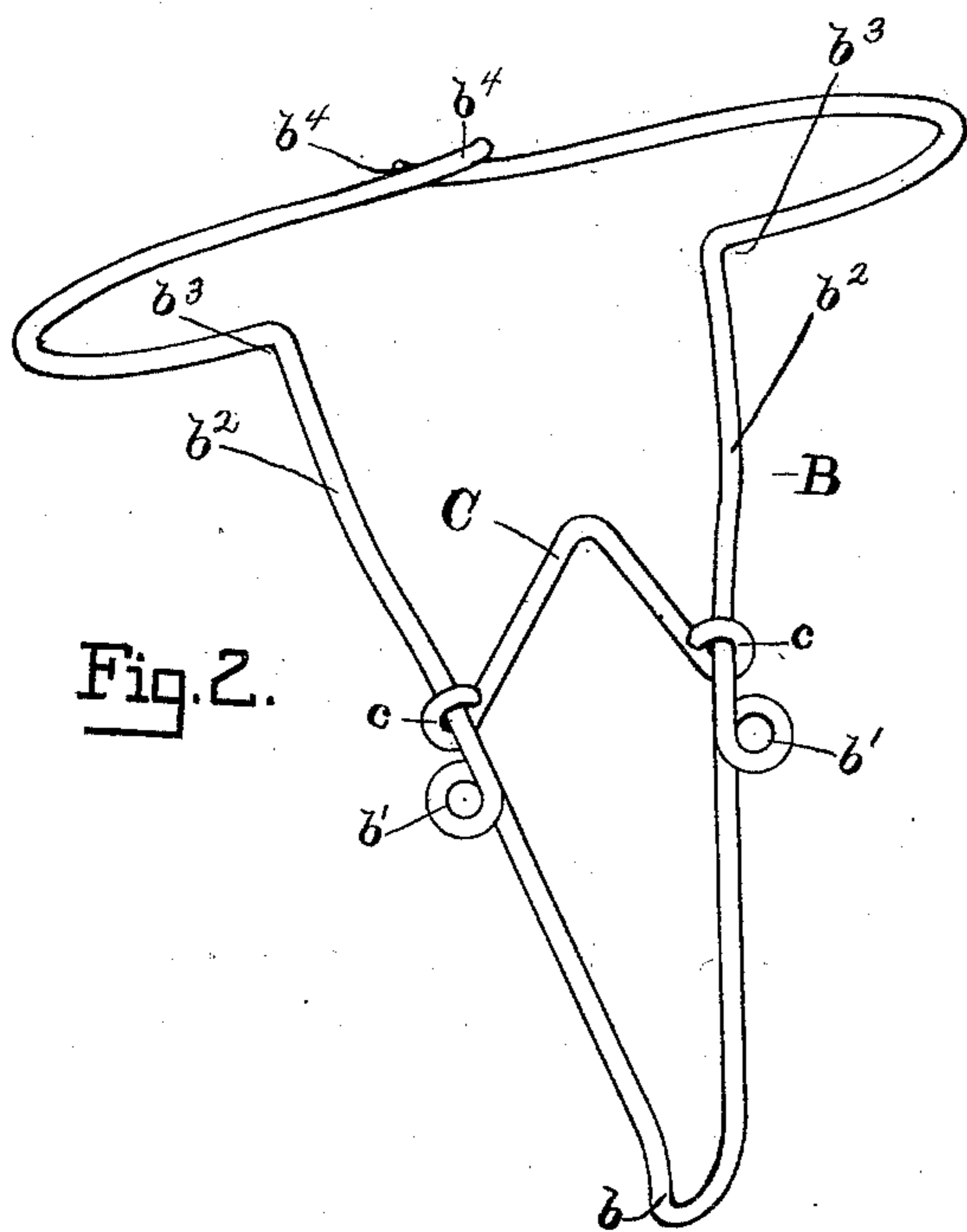
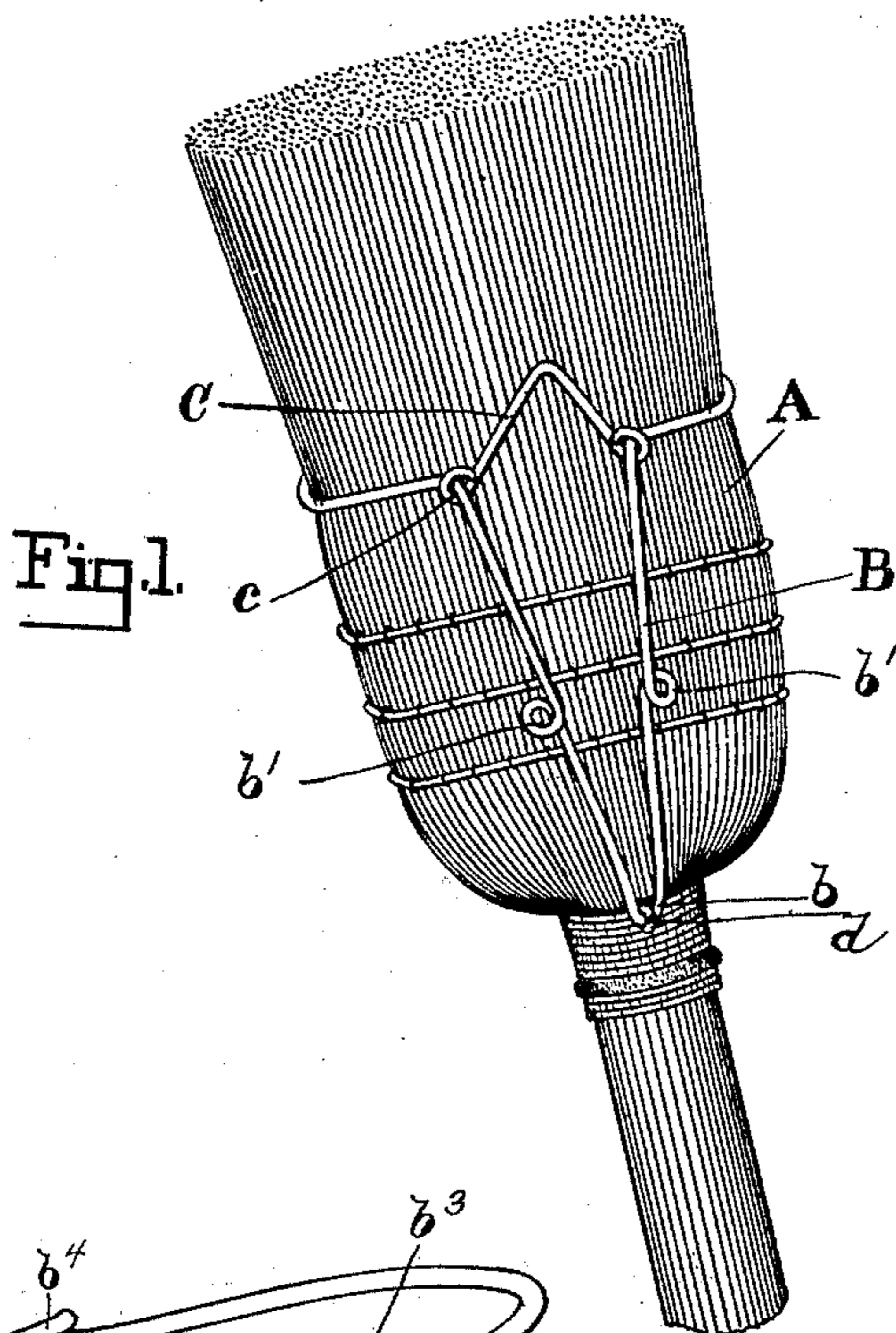


(No Model.)

R. A. BATTE.  
BROOM SUPPORT AND BRIDLE.

No. 466,764.

Patented Jan. 12, 1892.



Witnesses  
Chas. A. Ford.

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By his Attorneys,

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# UNITED STATES PATENT OFFICE.

RINALDO A. BATTE, OF NORFOLK, NEBRASKA, ASSIGNOR OF ONE-HALF TO  
GEORGE L. ILES, OF SAME PLACE.

## BROOM-SUPPORT AND BRIDLE.

SPECIFICATION forming part of Letters Patent No. 466,764, dated January 12, 1892.

Application filed April 14, 1891. Serial No. 388,853. (No model.)

*To all whom it may concern:*

Be it known that I, RINALDO A. BATTE, a citizen of the United States, residing at Norfolk, in the county of Madison and State of Nebraska, have invented a new and useful Broom-Support and Bridle, of which the following is a specification.

This invention is an improvement in broom holders and supports, and has for its object to produce a holder and support for brooms, which will effectually confine the straws in their proper positions, prevent them from spreading, confine the straws in a small space when the broom is to be used for scrubbing, and finally produce a holder and support which will be attached to the broom and from which the broom may be hung, and which in the act of hanging will tend to give the broom its proper normal shape.

With these objects in view the invention resides in the various novel details of construction and in the combination of parts hereinafter fully described, and particularly pointed out in the claims.

In the drawings in which I have illustrated my invention, and in which like letters of reference indicate corresponding parts, Figure 1 is a perspective view of a broom provided with my device. Fig. 2 is a perspective view of the device removed from the broom. Fig. 3 is a side view showing the adjusting-loop swung down in the position assumed when the broom is in use.

In the drawings, the letter A designates a broom, and B my improved broom holder and support. This holder and support is constructed of a single piece of spring-wire bent at its center  $b$  and the ends brought downwardly, making between them an angle of about thirty degrees, formed into oppositely-turned loops  $b'$ , and below them curved outwardly in compound curves  $b^2$ , and again brought inwardly to points  $b^3$ , where the ends are bent abruptly outward, and, curving around the body of the broom, are again bent outward on the opposite side at the extreme ends  $b^4$ . An angularly-bent piece of wire C has its ends formed into loops  $c$ , in order to embrace the holder B between the loops  $b'$  and the points  $b^3$ , the said angularly-bent wire C being movable along the curves  $b^2$ , and serv-

ing as a support from which the broom may be hung, and also as a means for tightening the holder B upon the broom itself by being drawn from its upper and easier position at the loops  $b'$  to the points  $b^3$ .

From the foregoing description it will be obvious that, when the ends of the holder B have been placed about the body of the broom and its center  $b$  secured to the neck of the broom by the staple  $d$ , by merely moving the loop C along the wires from the loops  $b'$  to the points  $b^3$ , the ends of the holder B will be drawn together and compress the straws of the broom, and that when the loop C has reached its lowermost position at the points  $b^3$  the shape of the wire at these points and the inward bending of the same will cause the loop to retain the said position.

The holder B, as will be seen from the drawings, is not only bent, as heretofore described, for the purpose of conforming to the shape of the broom on its flat side or broad side, but its apex near the point  $b$  is downwardly-curved to conform to the swell of the broom below its neck.

In using my device the broom has its straws pressed close together, as before described, whenever the broom is to be used for scrubbing or for other work which would naturally spread the straws, and whenever the broom is to be used for light work the loop C is raised to a point near the loops  $b'$ , thus releasing the straws from the confining influence of the ends of the holder B. The broom is hung by catching the loop C upon a hook, nail, or other projection on the side of the wall, and in hanging the broom a slight pull is exerted upon the handle in order to bring the loop C to the points  $b^3$  and press the broom into its normal shape.

It will be seen that this holder and support is not only extremely useful, simple, and effective, but that its durability is such that it will outlast the wear of many brooms and may be placed upon a new broom when the one upon which it was formerly used has become worn.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the broom-holder constructed of single pieces of wire and compris-

ing a V-shaped portion adapted to extend along one side of a broom and curved arms extending laterally from the ends of the V-shaped portion and formed integral therewith  
5 and arranged to embrace a broom, and a loop sliding on the sides of the V-shaped portion, whereby the arms are forced into engagement with a broom, substantially as described.

2. In a broom holder and support, the combination, with the holder B, bent upon itself at  
10 an acute angle at its center  $b$ , the body being formed into similar outwardly-turned loops  $b'$ , the outward compound curve  $b^3$ , the inwardly-turned points or angles  $b^3$ , and the

ends curved sharply to the rear to conform to the shape of a broom, of a loop C, having  
15 ends looped about the wire and adapted to be moved between the points  $b^3$  and the loops  $b'$ , substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in  
20 presence of two witnesses.

RINALDO A. BATTE.

Witnesses:

W. H. MAST,  
JAMES A. READ.