

(No Model.)

L. S. BEARDSLEY.
FASTENING INSULATOR BRACKETS.

No. 558,758.

Patented Apr. 21, 1896.

Fig. 1.

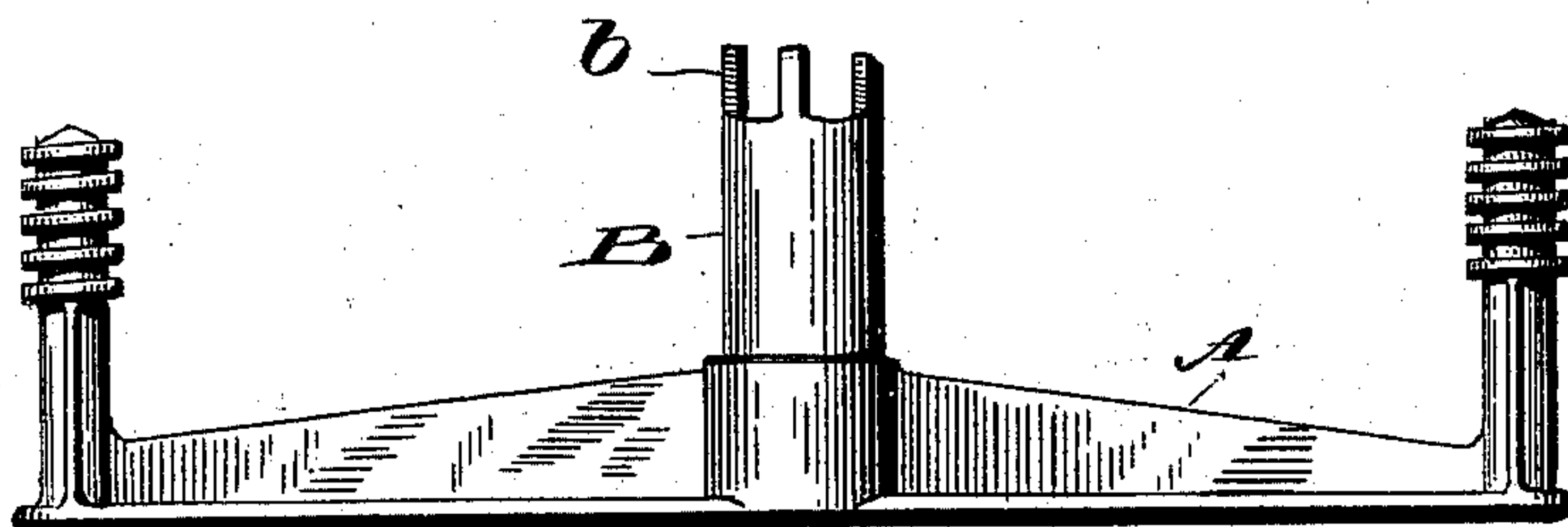
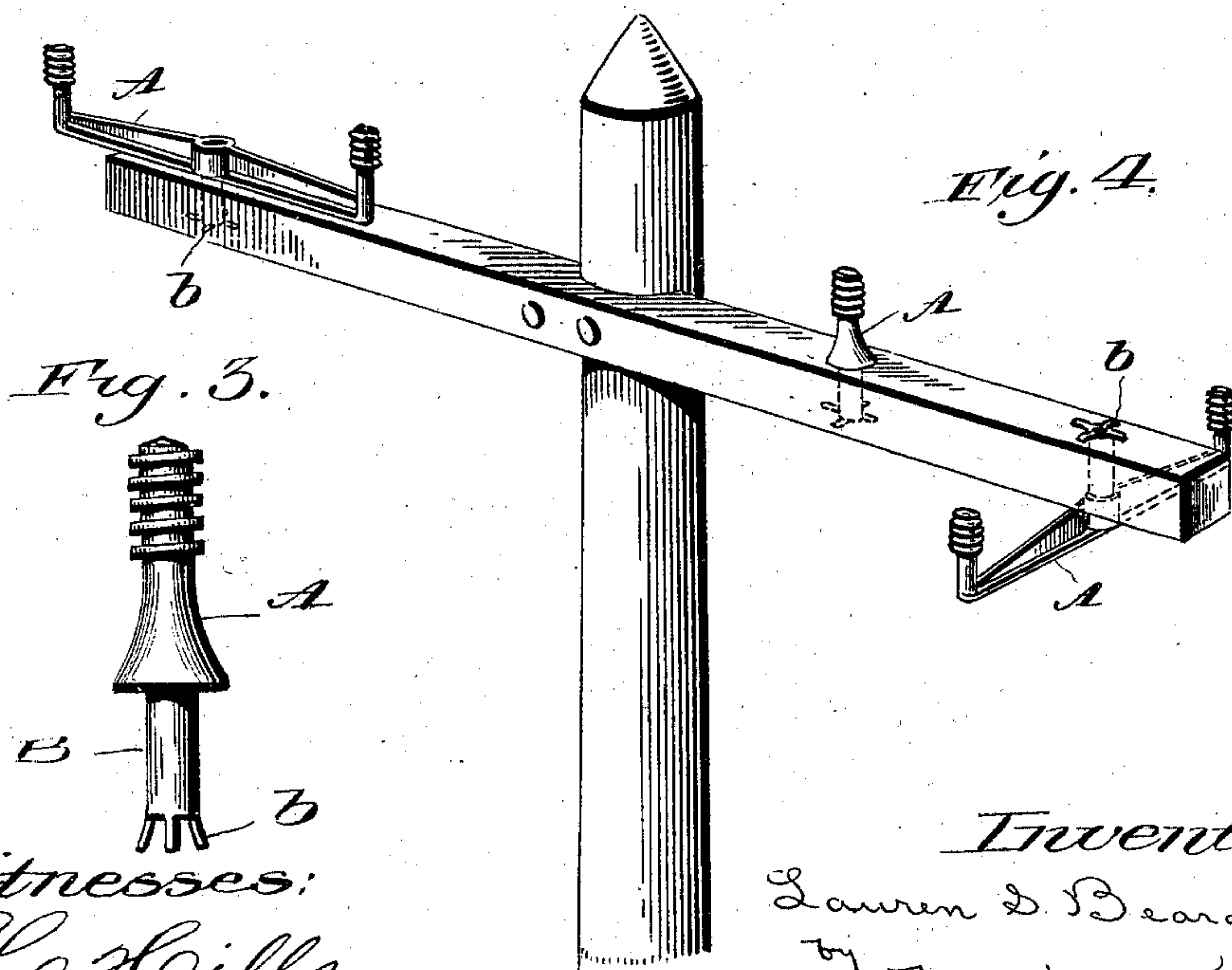
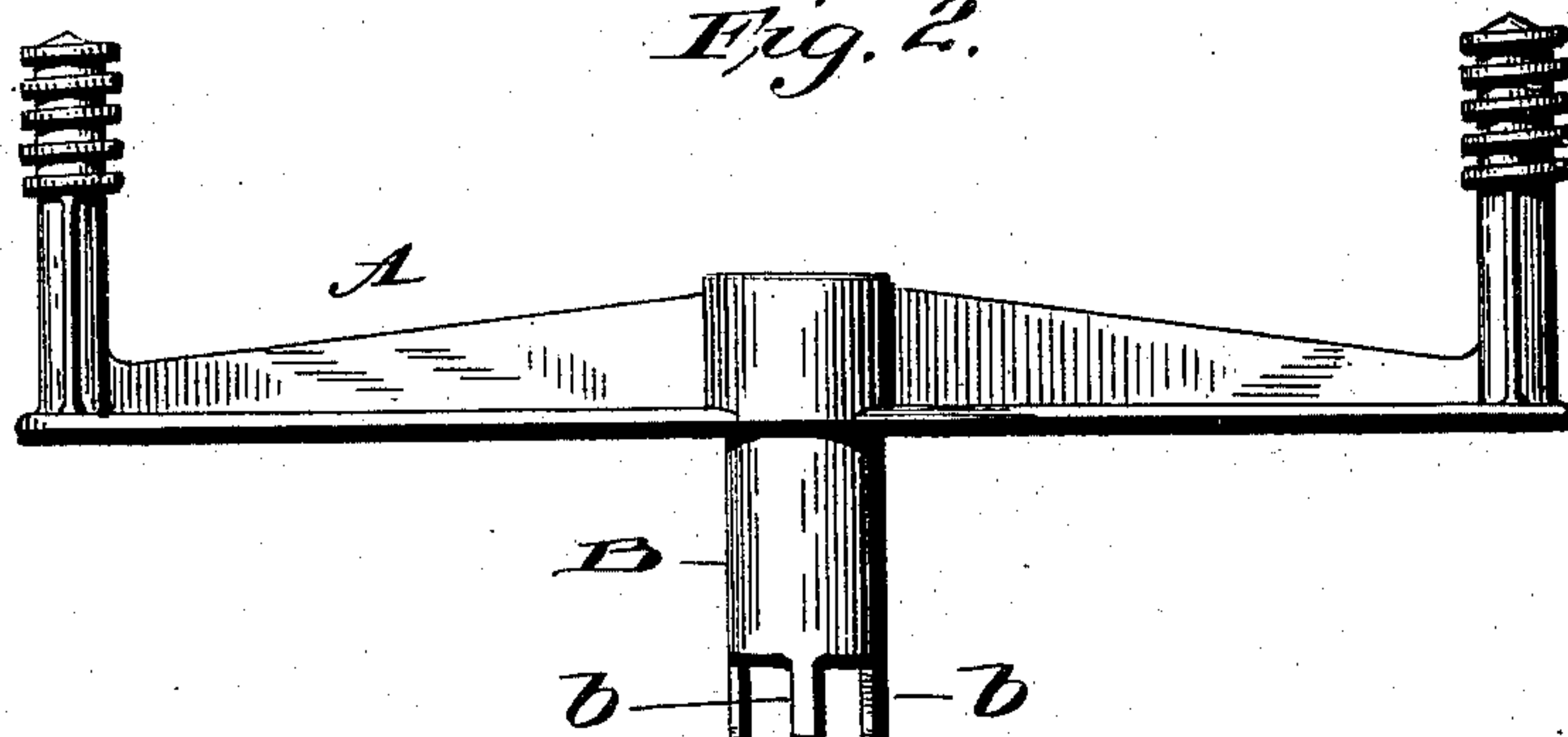


Fig. 2.



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UNITED STATES PATENT OFFICE.

LAUREN S. BEARDSLEY, OF NAUGATUCK, CONNECTICUT.

FASTENING INSULATOR-BRACKETS.

SPECIFICATION forming part of Letters Patent No. 558,758, dated April 21, 1896.

Application filed October 30, 1895. Serial No. 567,386. (No model.)

To all whom it may concern:

Be it known that I, LAUREN S. BEARDSLEY, of Naugatuck, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Insulator-Holders, of which the following is a specification.

The object of my invention is to produce an insulator-holder which shall be capable of easy attachment to cross-arms of telegraph-poles or other places where electric wires are attached, and whereby the use of all nails, screws, or other extraneous fastenings is dispensed with.

The invention will first be described by reference to the accompanying drawings, forming part of this specification, and will then be more particularly pointed out in the claims.

In the drawings, Figure 1 represents a bracket to be attached to the cross-arms of the telegraph-poles, showing one form of my invention. Fig. 2 is a similar view of a modification. Fig. 3 represents my invention as applied to the pin itself; and Fig. 4 represents a view, partly in section and partly in perspective, showing the devices of Figs. 1 and 3 as applied to the cross-arm of a telegraph-pole.

In the drawings, A represents the main portion of the bracket, which has formed at each end a screw-threaded pin *a* for the reception of the insulator-hood, as usual.

In the center of this portion of the bracket I form an upwardly or downwardly projecting extension B, having on its outer end one or more lugs or ears *b*, the purpose of which will presently appear. This central portion B may be cylindrical, square, triangular, or of any other desired form, and is designed to pass through a hole of corresponding shape in the cross-arm, where it is attached by bend-

ing the lugs or ears *b*, which will cause it to retain its proper position.

In the modification shown in Fig. 3 the pin itself is provided with these lugs. This pin is similar to the ordinary wooden insulator-pin, with the exception of the lugs *b*.

In order to insert the pin, as in the case of the brackets shown in the previous figures, it is simply necessary to bore a hole of the required diameter in the cross-arm or other place of attachment, insert the pin, and bend over the lugs, thus saving a great amount of time and labor, and obtaining a much more satisfactory result.

The various devices illustrated in the drawings are preferably made of a single piece of tubular metal, by casting or otherwise.

Another advantage of forming the parts of metal is the fact that they are not liable to corrode, as in the case of wooden pins.

Having thus described the invention, what I claim herein as new, and desire to secure by Letters Patent, is—

1. An insulator holder or pin consisting of a main portion, having its upper end screw-threaded for the reception of the insulator-hood, and its lower end formed with lugs, substantially as and for the purposes hereinbefore set forth.

2. As a new article of manufacture, an insulator-holder for electric wires consisting of a main portion A, and an extension B, said extension being provided on its outer end with one or more lugs *b*, substantially as and for the purposes hereinbefore set forth.

In testimony whereof I affix my signature in presence of two witnesses.

LAUREN S. BEARDSLEY.

Witnesses:

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