

No. 773,710.

PATENTED NOV. 1, 1904.

D. B. BRONSON.
CABLE HANGER.

APPLICATION FILED APR. 17, 1903.

NO MODEL.

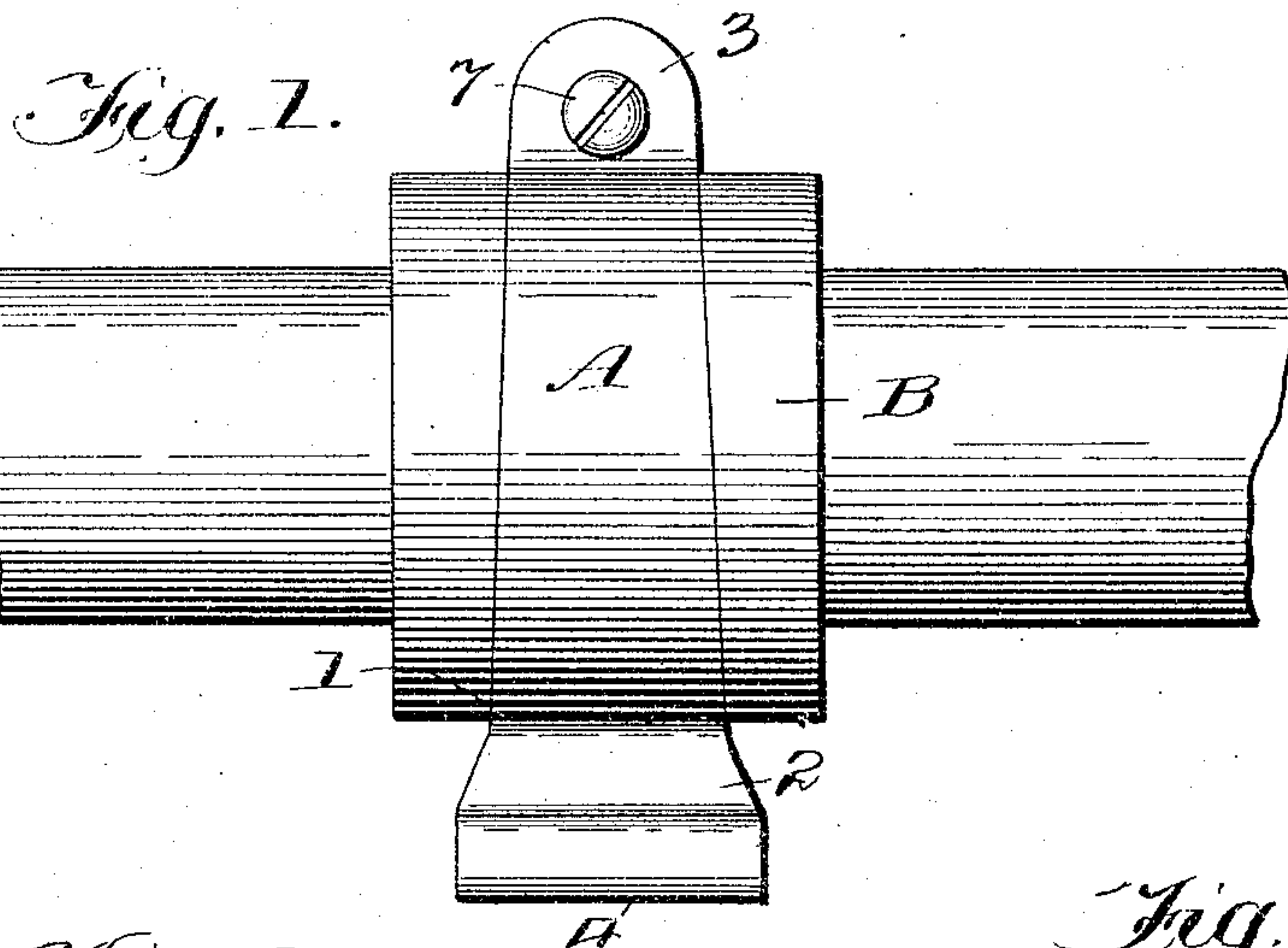


Fig. 2.

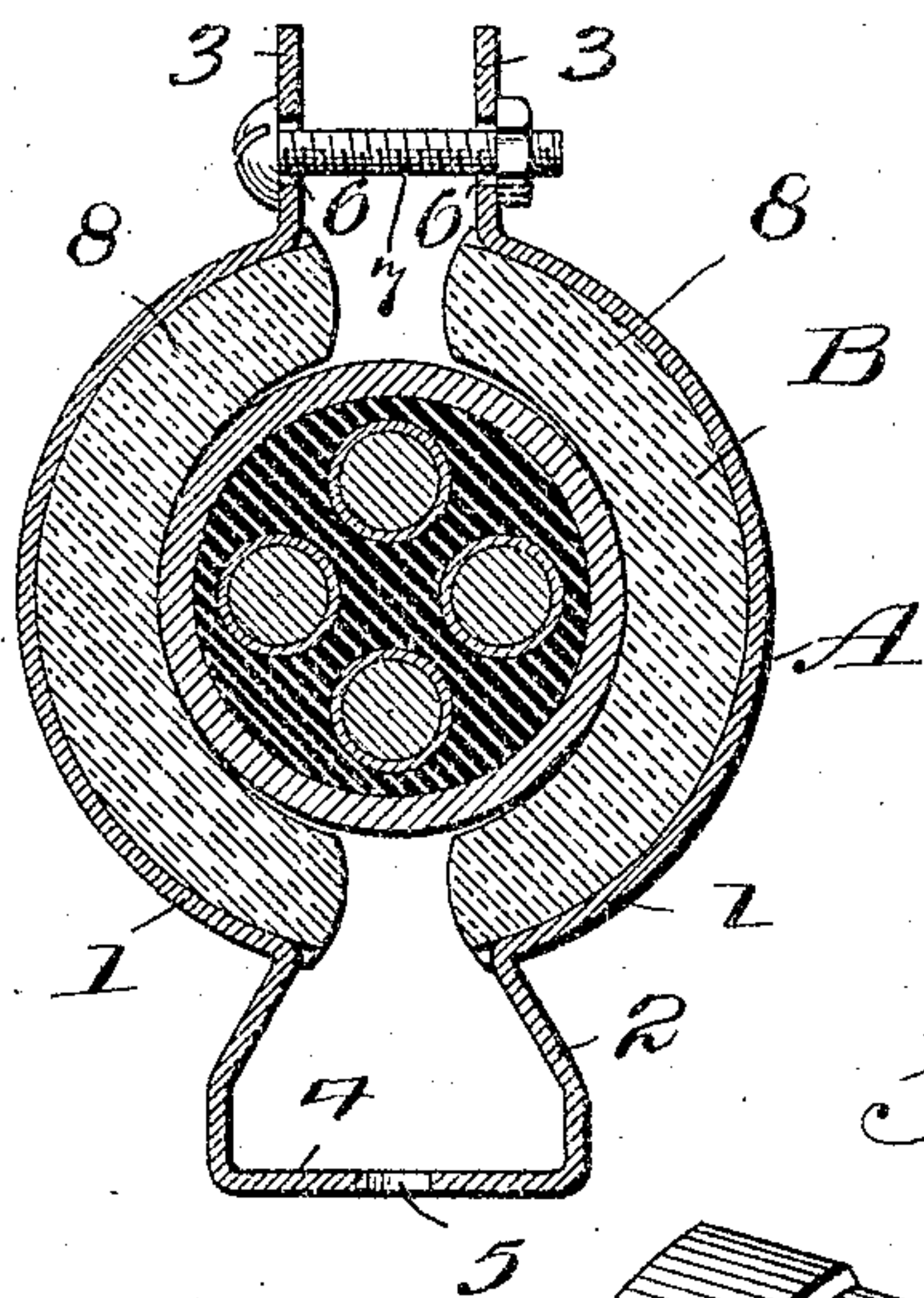


Fig. 3.

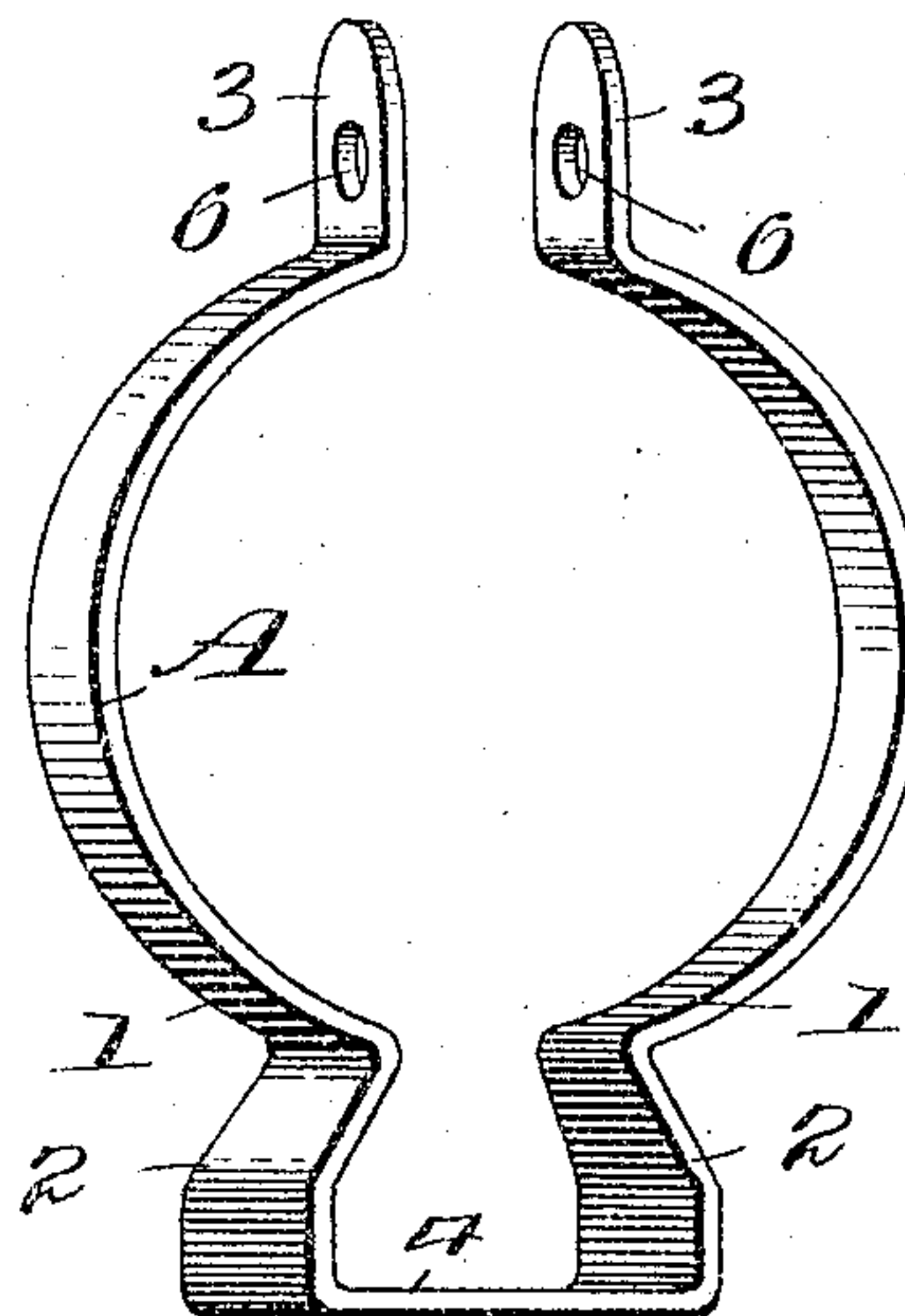
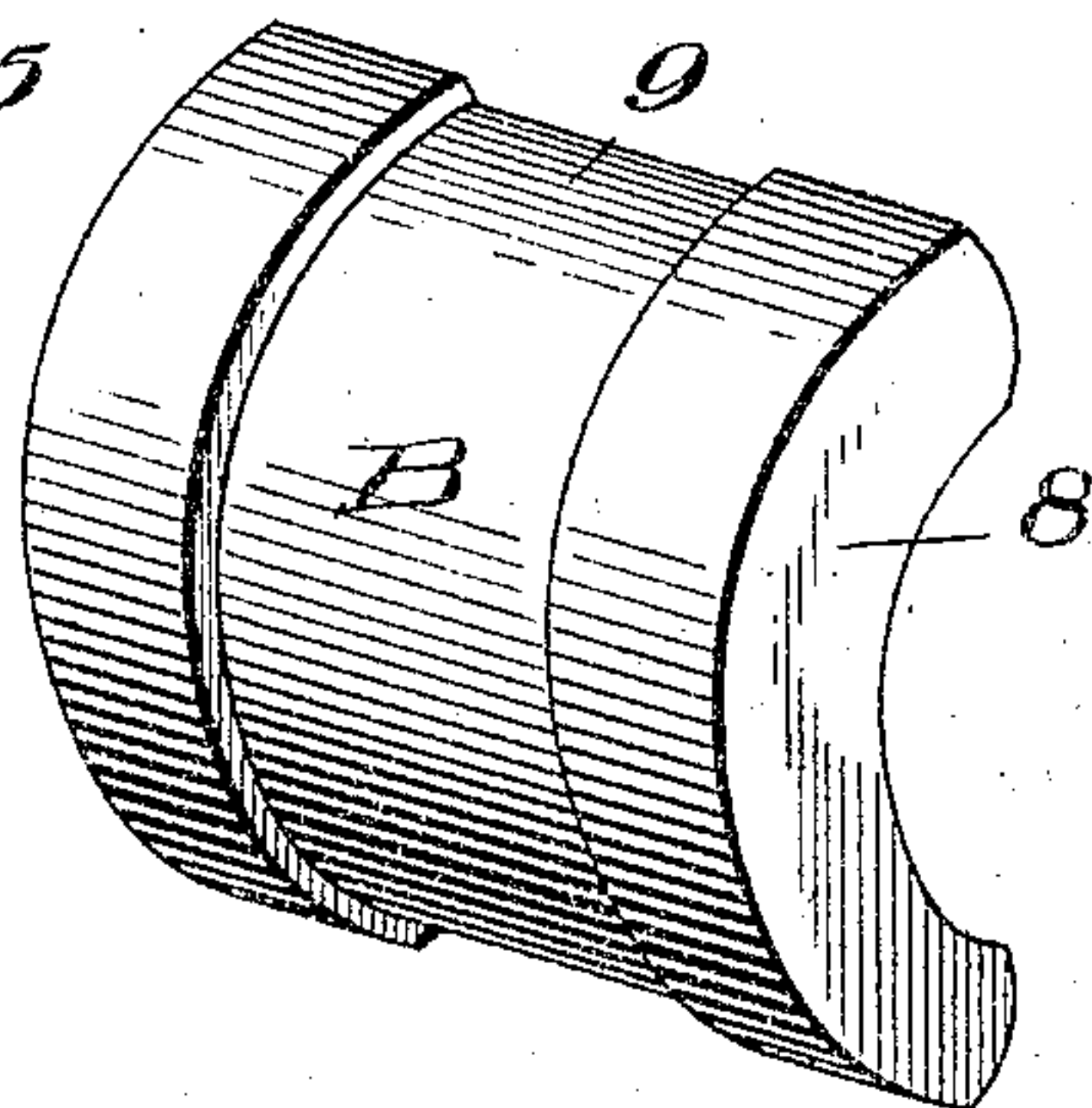


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

DOUGLAS B. BRONSON, OF CHICAGO, ILLINOIS, ASSIGNOR TO MINERALLAC COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

CABLE-HANGER.

SPECIFICATION forming part of Letters Patent No. 773,710, dated November 1, 1904.

Application filed April 17, 1903. Serial No. 153,039. (No model.)

To all whom it may concern:

Be it known that I, DOUGLAS B. BRONSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Cable-Hangers, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to cable-hangers for supporting electric cables.

The object of the invention is to provide a simple, practical, inexpensive, and durable device of this kind.

In the accompanying drawings, Figure 1 is a view of a cable-hanger embodying my invention and a section of cable supported thereby. Fig. 2 is a cross-section of the same. Figs. 3 and 4 are perspective views of different parts of the hanger.

The hanger shown in the drawings comprises a metal band A and an insulating-bushing B, arranged within the band A. The band A consists of two substantially semicircular portions 1 1, a base or attaching portion 2, and a pair of flanges or lips 3 3. The base or connecting portion 2 is constructed with the side portions extending down from the semicircular portions 1 1 and a transverse flat portion 4, which is desirably provided with a screw-hole 5. The lips 3 3 extend out laterally from the upper ends of the semicircular portions 1 1 and are provided with apertures or screw-holes 6 6. A screw 7 is passed through the apertures 6 6 and employed to clamp and hold the lips 3 3 together.

The insulating-bushing B desirably consists of two substantially semicircular parts 8 8. Each of these is made with a peripheral groove or recess 9, as shown in Fig. 4.

The metal band A is desirably made of steel or iron, and the bushing B of porcelain or the like.

In employing the hanger if the cable is a comparatively small one the bushing B is arranged within the band A and caused to embrace the cable, after which the ends 3 3

are drawn tightly together by the nut on the screw 7. If the cable is a large one, the bushing B is dispensed with and the band A caused to itself embrace the cable, after which its ends are secured together, as before. Thus the hanger can be used in support of cables of widely-differing size, and where the smaller size of cable is supported it can be bare, as the bushing B, being of insulation, will serve to insulate it. Before using the hanger in any case it is desirable to first secure it to the part which is to support it by passing a screw through the aperture 5.

The device is capable of adjustment to accommodate different sizes of cables and can be employed to support bare cables or wire.

It will be understood that changes and modifications can be made in the device herein shown without departing from the spirit of my invention.

What I claim is—

1. A cable-hanger consisting of a metal strap or band bent into substantially circular form with an opening at one side, the ends of the strap or band projecting outwardly at the sides of said opening, and said strap or band being constructed with an outwardly-projecting loop having a substantially flat portion adapted to serve as an attaching base, in combination with means for securing the band together, substantially as described.

2. A cable-hanger consisting of a metal band or strap bent so as to form two substantially semicircular portions 1, 1, a loop having a flat base 4 and outwardly-projecting lips or flanges 3, 3 provided with apertures 6, 6, a split insulating-bushing adapted to fit within the annular portions 1, 1 of the metal band, and a bolt 7 for connecting the lips 3, 3 and drawing the same together, substantially as described.

In witness whereof I hereunto subscribe my name this 13th day of April, A. D. 1903.

DOUGLAS B. BRONSON.

Witnesses:

A. MILLER BELFIELD,
I. C. LEE.