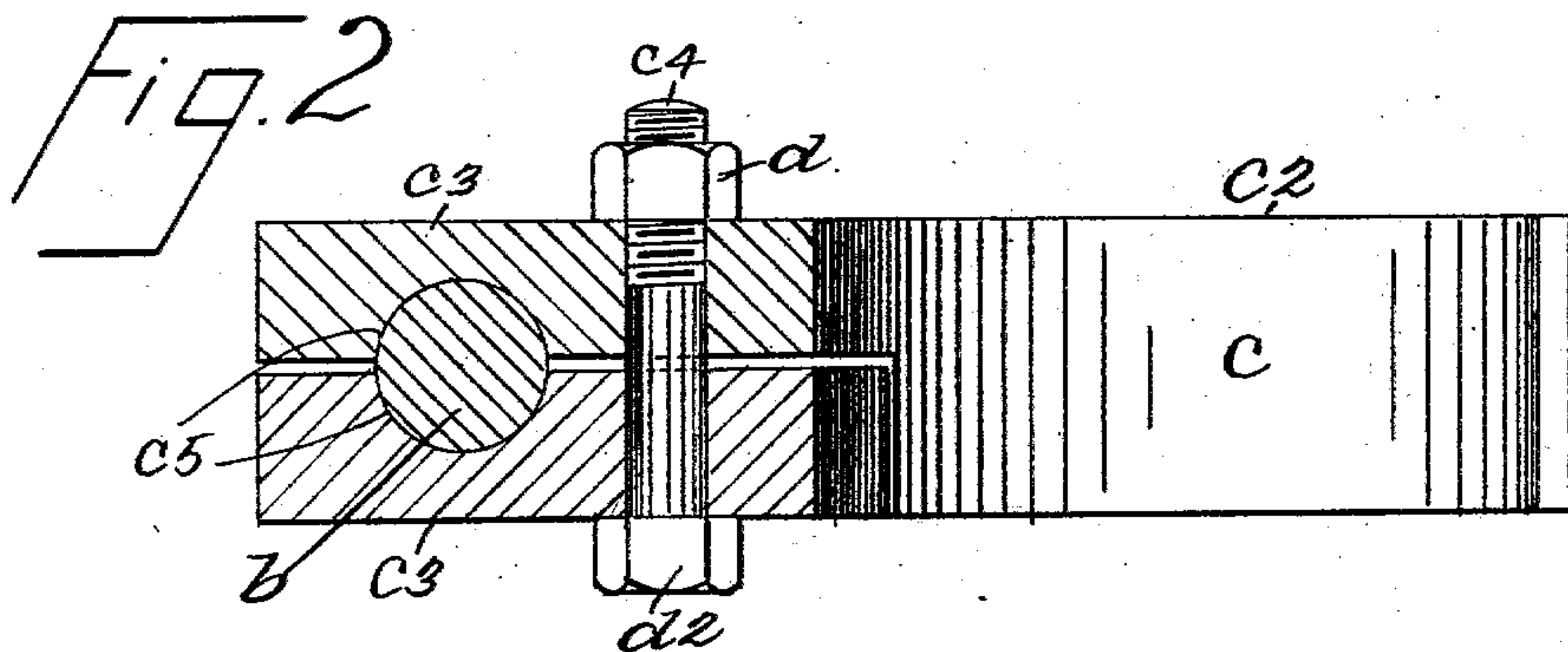
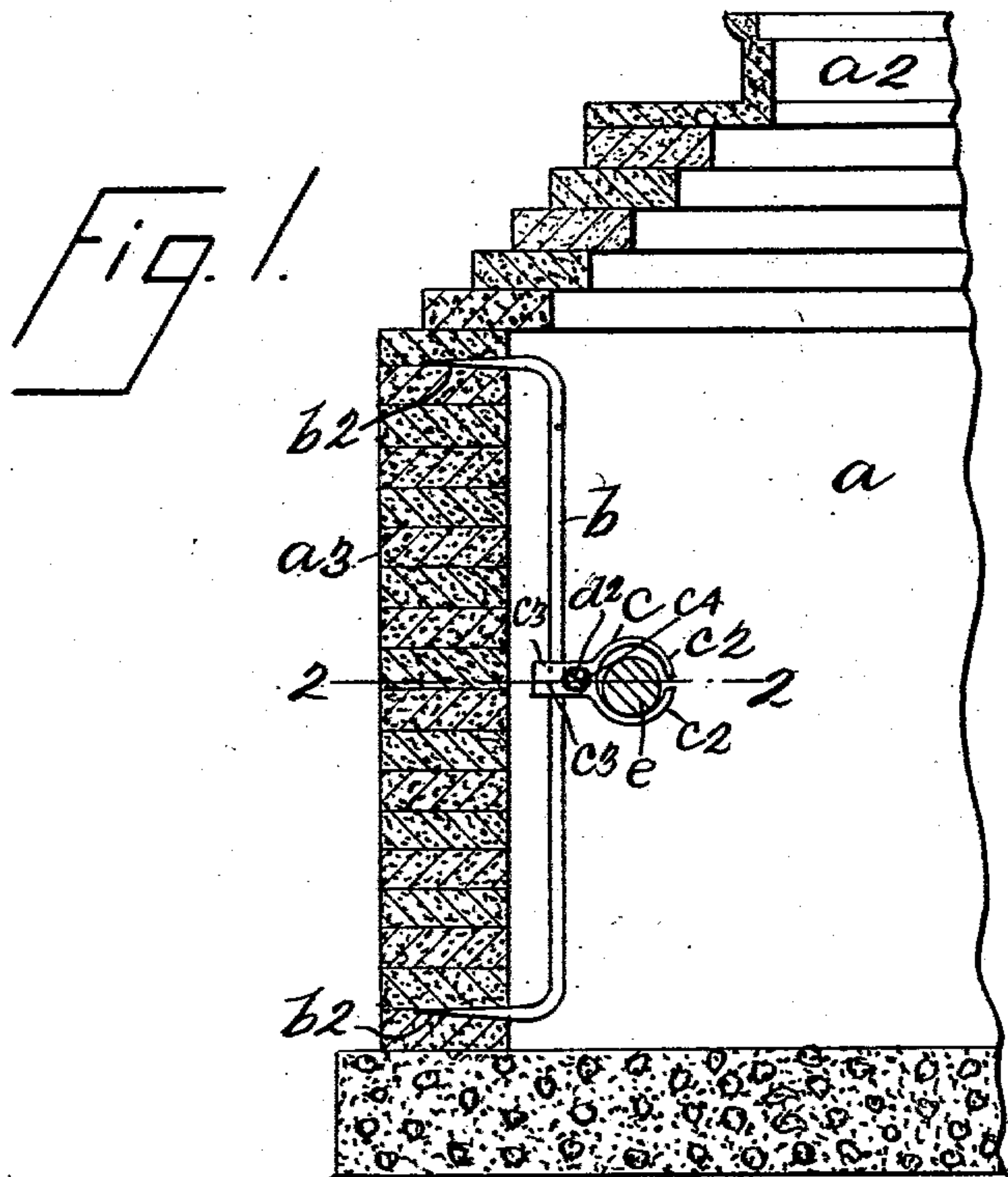


No. 743,805.

PATENTED NOV. 10, 1903.

H. C. BAKER, JR.  
CABLE HOLDER FOR MANHOLES.  
APPLICATION FILED APR. 20, 1903.

NO MODEL.



WITNESSES

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## UNITED STATES PATENT OFFICE.

HUGH C. BAKER, JR., OF NEW YORK, N. Y.

## CABLE-HOLDER FOR MANHOLES.

SPECIFICATION forming part of Letters Patent No. 743,805, dated November 10, 1903.

Application filed April 20, 1903. Serial No. 153,373. (No model.)

*To all whom it may concern:*

Be it known that I, HUGH C. BAKER, Jr., a subject of the King of Great Britain, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Cable-Holders for Manholes, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved cable holder or holders for use in manholes, whereby electrical conductors or cables may be conveniently and securely attached and supported in said manholes; and with this and other objects in view the invention consists in a device or devices of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a sectional side view of an ordinary manhole provided with my improvement, and Fig. 2 a partial section on the line 2 2 of Fig. 1 and showing a detail of the construction.

In the drawings forming part of this specification I have shown at *a* an ordinary manhole having the usual top opening *a*<sup>1</sup>, and in the practice of my invention I secure in one or more of the side walls *a*<sup>2</sup> of the manhole a vertically-arranged bracket or support *b*, which is preferably provided with end prongs *b*<sup>1</sup>, which are driven or built in the wall; but the bracket or the support *b* may be secured on the wall of the manhole in any desired manner.

Mounted on the bracket or support *b* is a clamp or holder *c*, consisting of two segmental members *c*<sup>1</sup>, each of which is provided with a shank *c*<sup>2</sup>, connected by a pin, bolt, or screw *c*<sup>3</sup> in the manner of a pair of shears and in the adjacent surfaces of the shanks *c*<sup>2</sup> in a vertical opening *c*<sup>4</sup>, formed partly in one shank and partly in the other, through which the bracket or support *b* passes.

In the form of construction shown the shanks *c*<sup>2</sup> are of a transverse thickness equal to one-half that of the segmental jaw mem-

bers *c*<sup>2</sup>, and the bolt, screw, or pin *c*<sup>3</sup> is provided at one end with a nut *d* and at the other with a head *d*<sup>1</sup>, and the clamp or holder *c* is vertically adjustable on the bracket or support *b* and may be held at any desired point of adjustment by means of the pin, screw, or bolt *c*<sup>3</sup> and the nut *d*. In order to adjust the clamp on the support, the nut *d* is loosened, and when the desired point of adjustment is reached the nut *d* is tightened.

In practice the electrical cables or conductors are passed through the clamp or holder *c*, as indicated at *e*, and by means of this arrangement the cables or conductors may be conveniently arranged and supported at the side or sides of the manhole, and any desired number of clamps *c* may be employed. A plurality of supports *b* may also be employed.

As thus constructed it will be seen that the pin, screw, or bolt *c*<sup>3</sup> not only holds the separate parts of the clamp together, but by holding the separate parts of the clamp together also holds the cable or conductor in the clamp, and the said cable or conductor may be passed through the clamp after the latter has been connected with the support, or the separate parts of the clamp may be put together on the cable and then connected with the support, if desired.

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

A holder for electric cables comprising a vertically-arranged support and a clamp adjustable thereon, the clamp consisting of two segmental jaws each of which is provided with a shank, said shanks being each provided with a vertical groove in their adjacent faces which when the shanks are secured together form a hole through which the support passes, and a pin or bolt connecting said shanks between the jaws and said grooves and provided at one end with a nut, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 18th day of April, 1903.

HUGH C. BAKER, JR.

Witnesses:

J. C. LARSEN,  
F. A. STEWART.