

C. C. GOULD.
SUPPORT FOR ELECTRIC WIRES OR CONDUCTORS.
APPLICATION FILED MAR. 25, 1908.

916,435.

Patented Mar. 30, 1909.

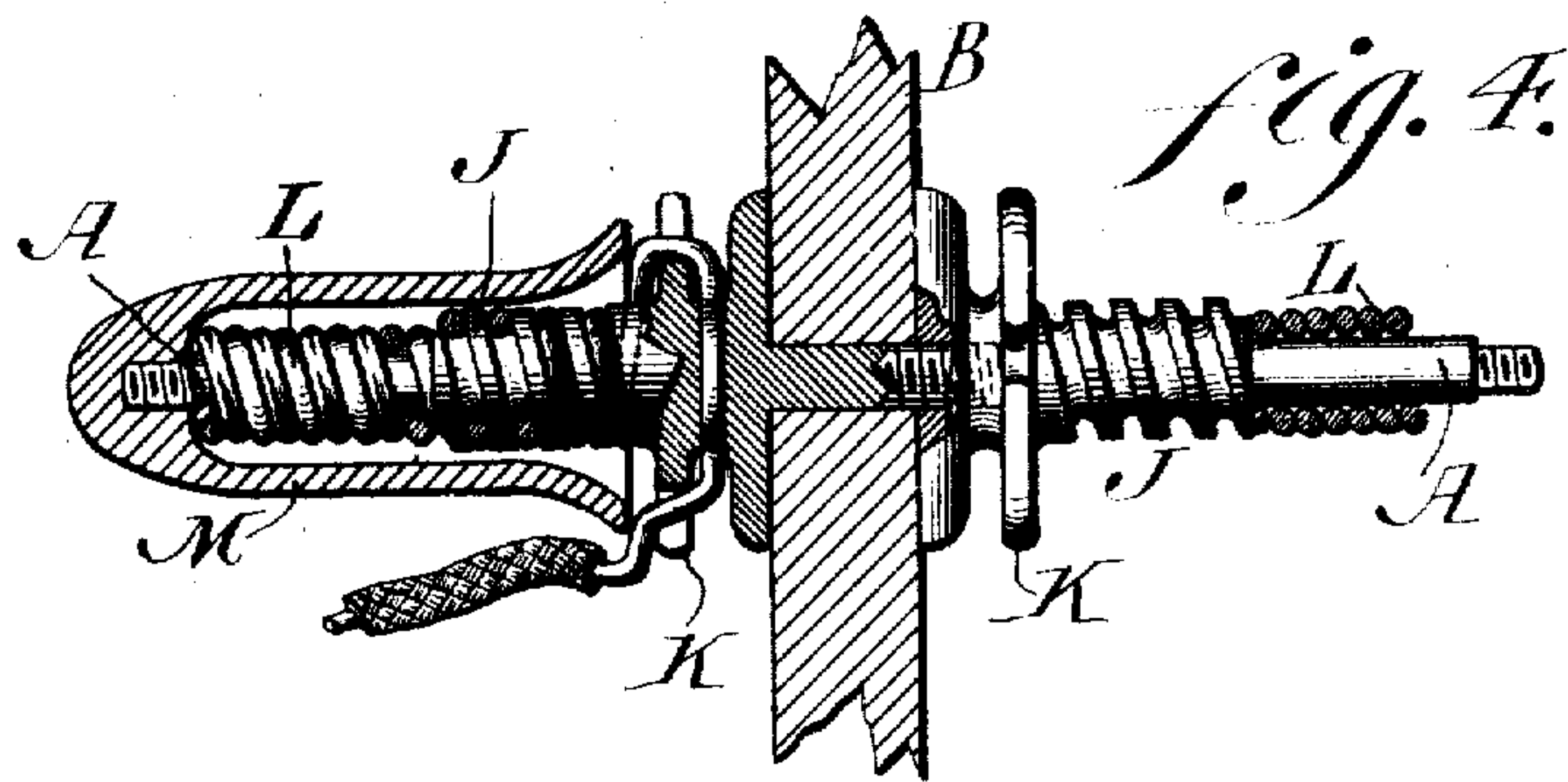
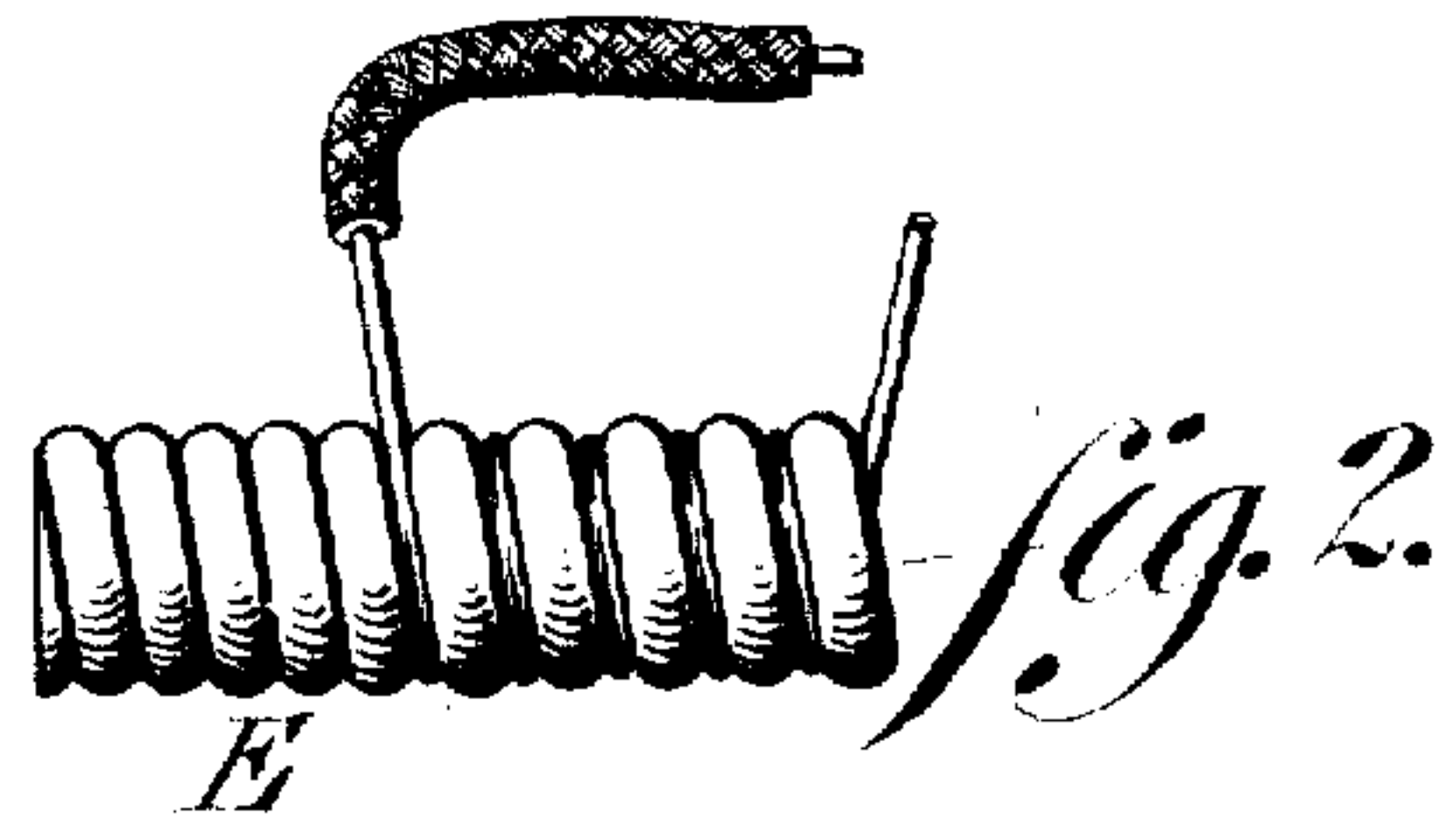
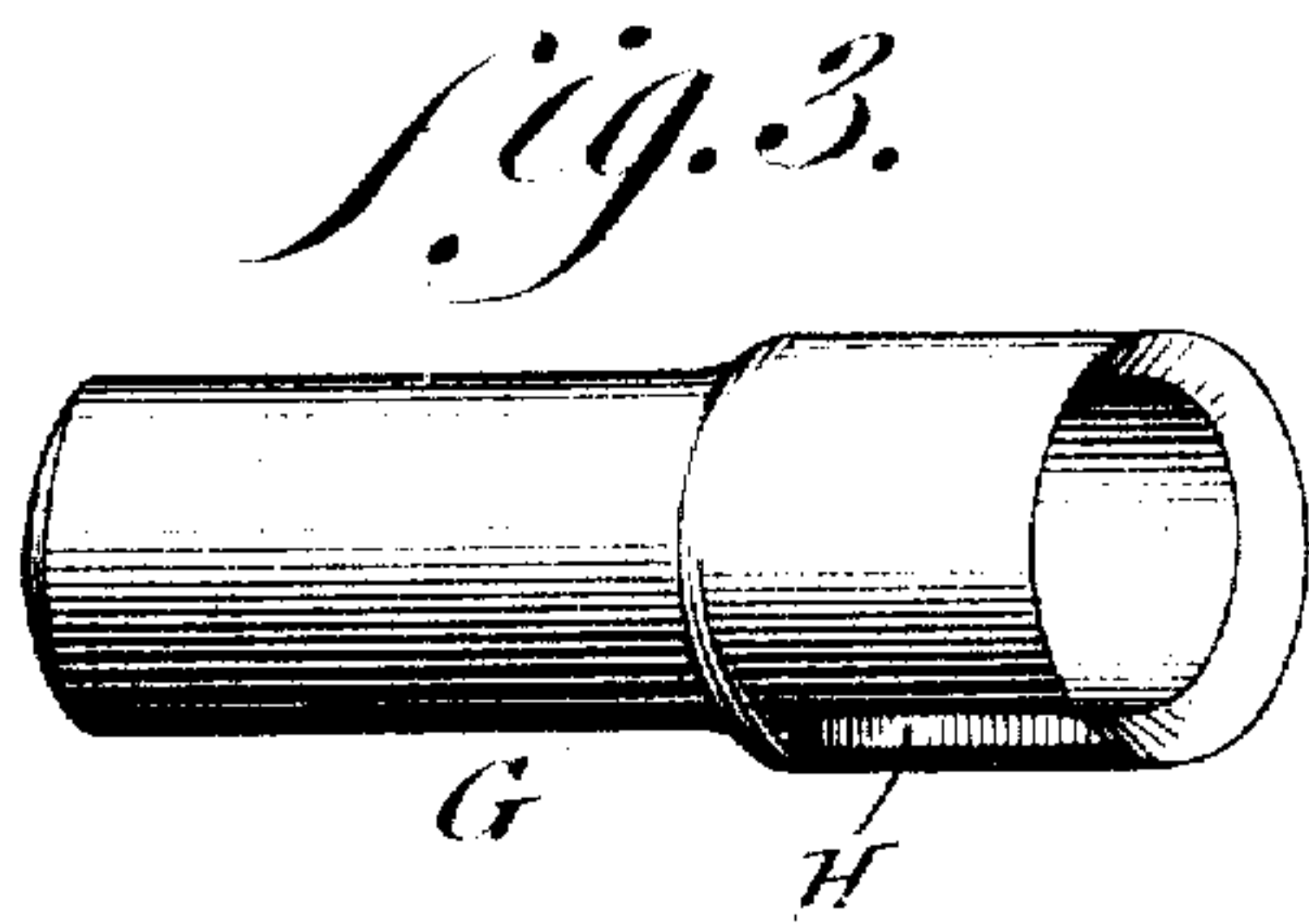
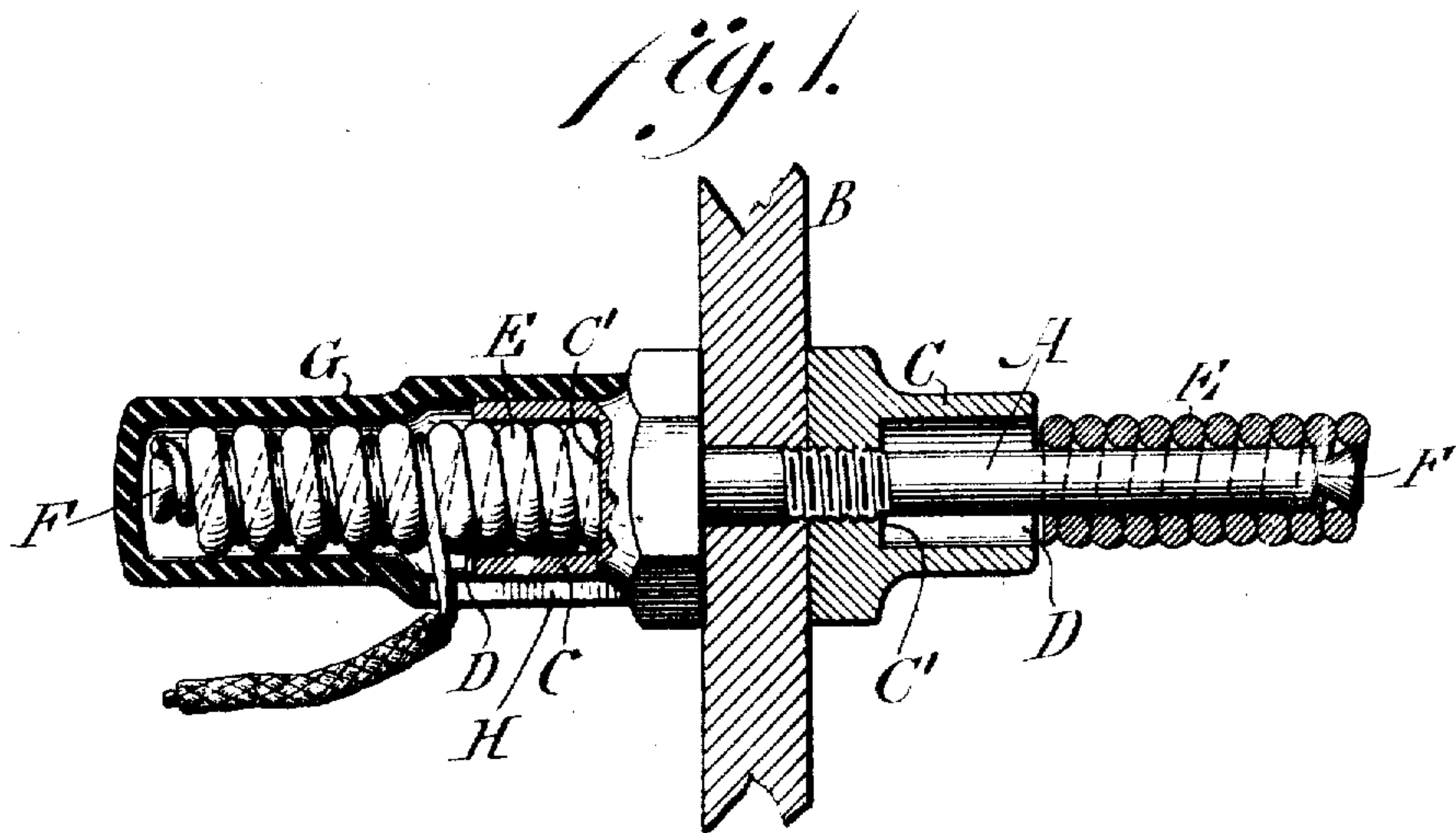


fig. 5.

Witnesses
L. Rouville,
P. F. Nagle.

Inventor
Cornelius C. Gould.

By Dickinson & Fairbank
Attorneys

UNITED STATES PATENT OFFICE.

CORNELIUS C. GOULD, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR, BY MESNE ASSIGNMENTS, TO GOULD FASTENER COMPANY, OF PHILADELPHIA, PENNSYLVANIA.

SUPPORT FOR ELECTRIC WIRES OR CONDUCTORS.

No. 916,435.

Specification of Letters Patent.

Patented March 30, 1909.

Application filed March 25, 1908. Serial No. 423,101.

To all whom it may concern:

Be it known that I, CORNELIUS C. GOULD, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Support for Electric Wires or Conductors, of which the following is a specification.

My invention consists of a support for an electric wire or conductor, the same being constructed whereby the latter may be readily applied thereto and prevented from displacement therefrom.

Figure 1 represents a longitudinal section of a support for an electric wire or conductor embodying my invention. Fig. 2 represents an elevation of a detached portion thereof. Fig. 3 represents a perspective view of a covering cap that may be employed. Fig. 4 represents a partial longitudinal section and partial side elevation of a modification. Fig. 5 represents an end view of a detached portion thereof.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings: A designates a post which is secured to the standard or other support B in any suitable manner. C designates a collar which is connected with and supported on the inner end of said post and has its outer end open as at D.

E designates a sleeve of the form of a coil of resilient material, the same encircling the post A and having its inner end entering the collar C.

On the forward end of the post A is a recess which forms a shoulder F for a purpose to be hereinafter described.

The operation is as follows: The sleeve E is placed on the post A and the wire or conductor pressed between the convolutions of the sleeve and wrapped around the post, whereby the convolutions are expanded or separated and the inner end of said sleeve is forced against the wall C' at the inner terminal of the collar C, thus compressing the sleeve against said wall, thus tightly holding the wire or conductor engaged with the sleeve and the post. The portion of the wire or conductor that occupies a position about the shoulder F is then bent inwardly against and around the same, thus locking the sleeve and preventing outward displacement thereof. The wire or conductor which may terminate at one end at the shoulder F may have its length passed off

from the coil as shown at the left hand of Fig. 1 and extended to the place of service.

G designates a cap which is adapted to inclose the members of the device for the purpose of protection, and cleanliness, the same having a longitudinally-extending slot H therein to receive the wire or conductor which extends from the sleeve.

In Fig. 4, I show a spirally grooved collar J on the post A and a notched or recessed plate K at the inner terminal of said collar, the wire or conductor after being wrapped on said collar being bent around said plate K and turned into the notches or recesses of said plate as bights which firmly retain the wire or conductor on said plate, it being noticed that portions of said wire or conductor are wound on the post between the coils of the sleeve L, thus retaining said portion on said post.

The covering cap M is secured to the outer end of the post A, said end being threaded to engage a threaded opening in the adjacent end of said cap.

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

1. A holder for an electric wire or conductor consisting of a post, a tubular member thereon with a wall at the inner end thereof and a sleeve of resilient coil material which encircles said post and is adapted to be tightened within said member and against said wall by the wire or conductor entering the coils of said sleeve.

2. A holder for an electric wire or conductor consisting of a post, a tubular member thereon with a wall at the inner end thereof, a sleeve of resilient coil material which encircles said post and is adapted to be tightened within said member and against said wall by the wire or conductor entering the coils of said sleeve, and means for locking said wire or conductor on said post.

3. A holder for an electric wire or conductor, consisting of a post, a tubular member thereon, a resilient coil encircling said post, and a shoulder on said post adapted to be engaged by said wire or conductor which is wrapped on the post between the convolutions of said coil.

4. A holder for an electric wire or conductor, consisting of a post, a tubular member thereon, a sleeve of resilient coil material encircling the post and adapted to be tightened

against an abutment in said tubular member by the wire or conductor entering the coils of said sleeve, and a cap over said tubular member.

- 5 5. A holder for an electric wire or conductor, consisting of a post, a tubular member thereon, a sleeve of resilient coil material en-

circling said post within said tubular member and a cap over the tubular member and having a passage for the wire or conductor. 10

CORNELIUS C. GOULD.

Witnesses:

JOHN A. WIEDERSHEIM,

HARRY C. DALTON.