

(No Model.)

S. OAKMAN.
ELECTRIC INSULATOR.

No. 451,950.

Patented May 12, 1891.

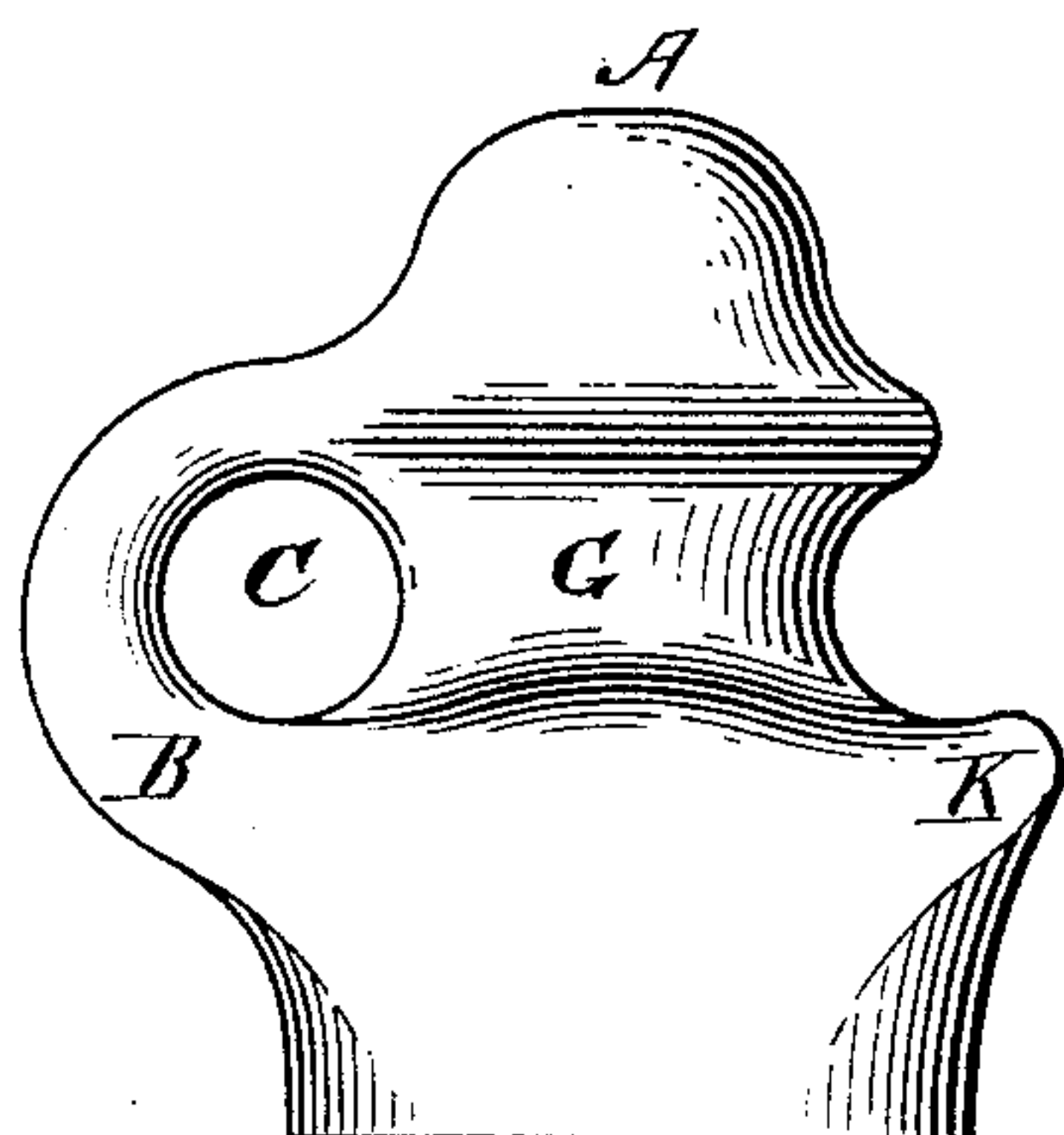


Fig. 1.

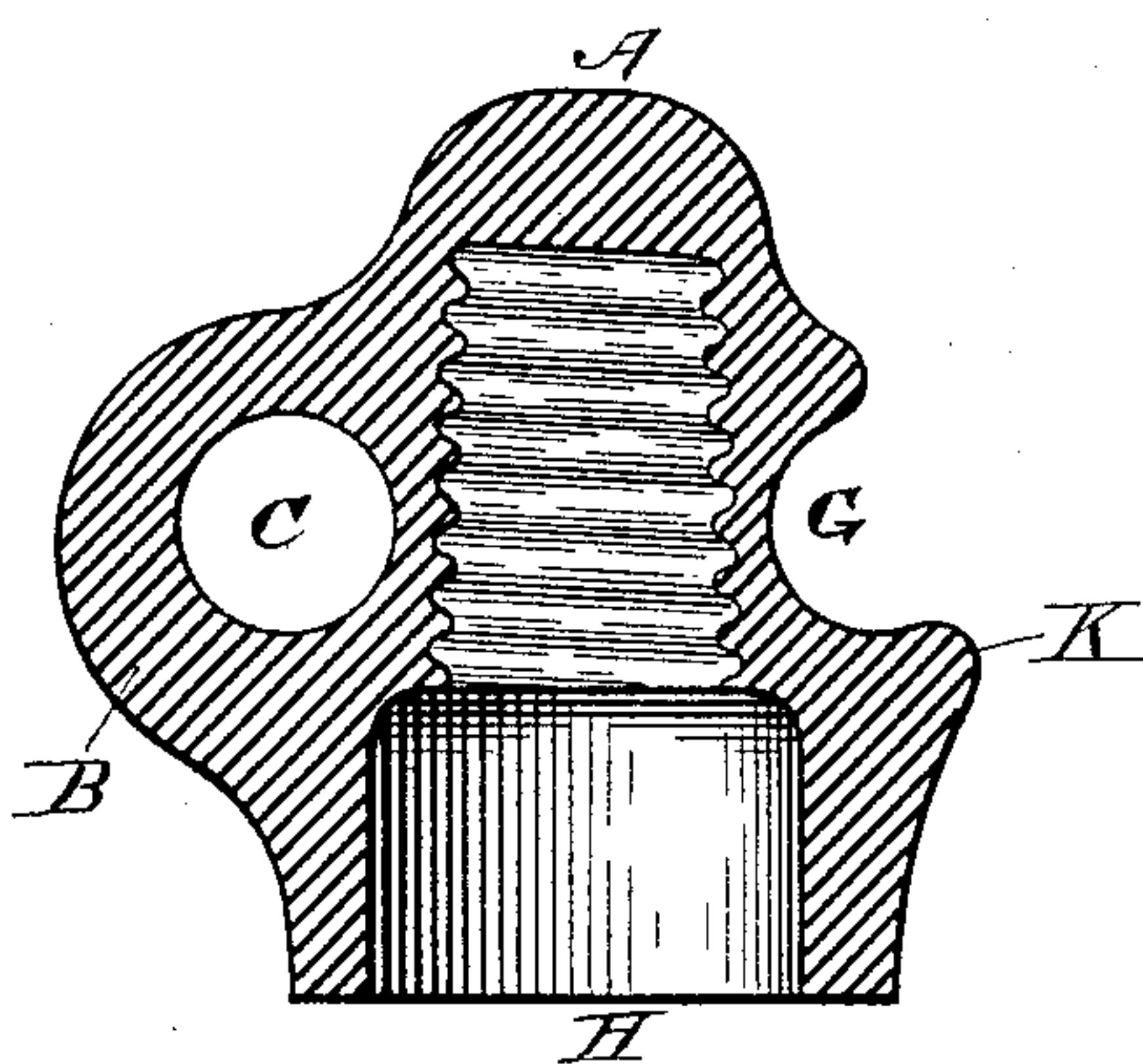


Fig. 2.

WITNESSES

William E. Wickerson
William Edison

INVENTOR

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SAMUEL OAKMAN, OF MELROSE, MASSACHUSETTS.

ELECTRIC INSULATOR.

SPECIFICATION forming part of Letters Patent No. 451,950, dated May 12, 1891.

Application filed August 17, 1889. Serial No. 321,139. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL OAKMAN, of Melrose, in the county of Middlesex and State of Massachusetts, have invented a new and
5 useful Improvement in Electric Insulators, of which the following, taken in connection with the accompanying drawings, is a specification.

The object of my invention is to so form
10 and construct the several members that make up the exterior of an electric-wire-supporting insulator that sure and convenient supports are provided for wires of the largest size used in suspension. This I accomplish by arrang-
15 ing and shaping the several members of the insulator as shown in the accompanying drawings, in which—

Figure 1 is an elevation of one of my insulators. Fig. 2 is a central vertical section of
20 the same.

The interior of the insulator may be made as shown in Fig. 2, or as in any desirable insulator, the interior formation being in no manner an element of my present device.

25 It will be observed that the extreme lower part of my insulator as well as the tops (see A and H in the drawings) are made in the usual form of a telegraph-insulator.

The novelty of my device consists in forming one or more eyes C by a member B at
30 about the level that the groove for the wire is made in an ordinary insulator. In case it is deemed desirable, a shoulder may be formed at K, as shown. The wire-groove G may extend, as usual, around the insulator and in
35 part coinciding with the eye C as to level.

The portion of the insulator that forms the bearings for the wire should be rounded off, so as not to abrade the wire and also to allow the wire to be drawn back and forth on it. 40

In using my insulator the wire may, if desirable, be attached by a loop of binding-wire in the usual manner.

I claim—

An insulator having a screw-threaded interior chamber and an exterior provided with
45 a groove G for receiving the wire, and a member B, forming an eye C, adapted to receive a line-wire, all substantially as and for the purpose set forth.

SAMUEL OAKMAN.

Witnesses:

FRANK G. PARKER,
WILLIAM EDSON.