

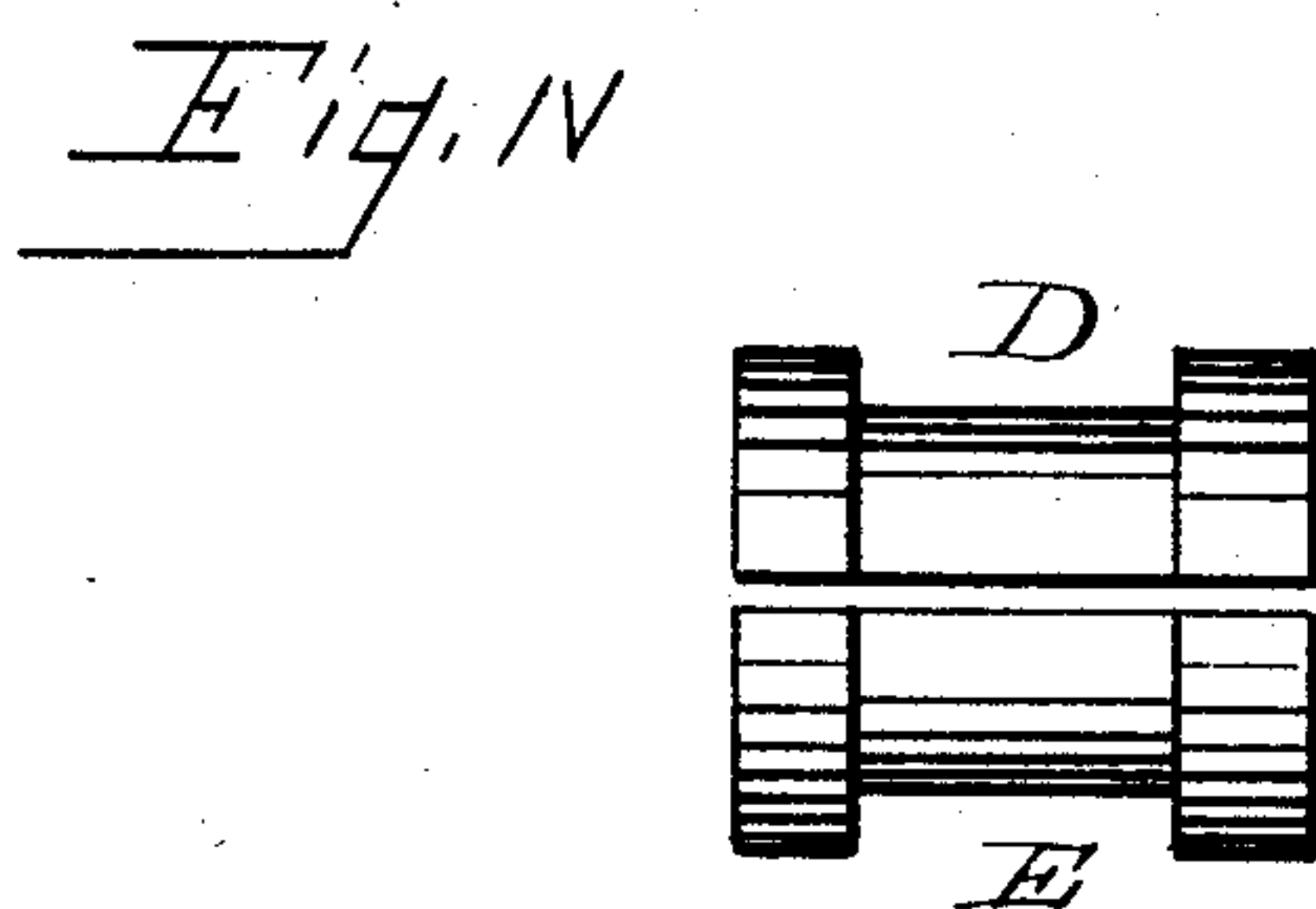
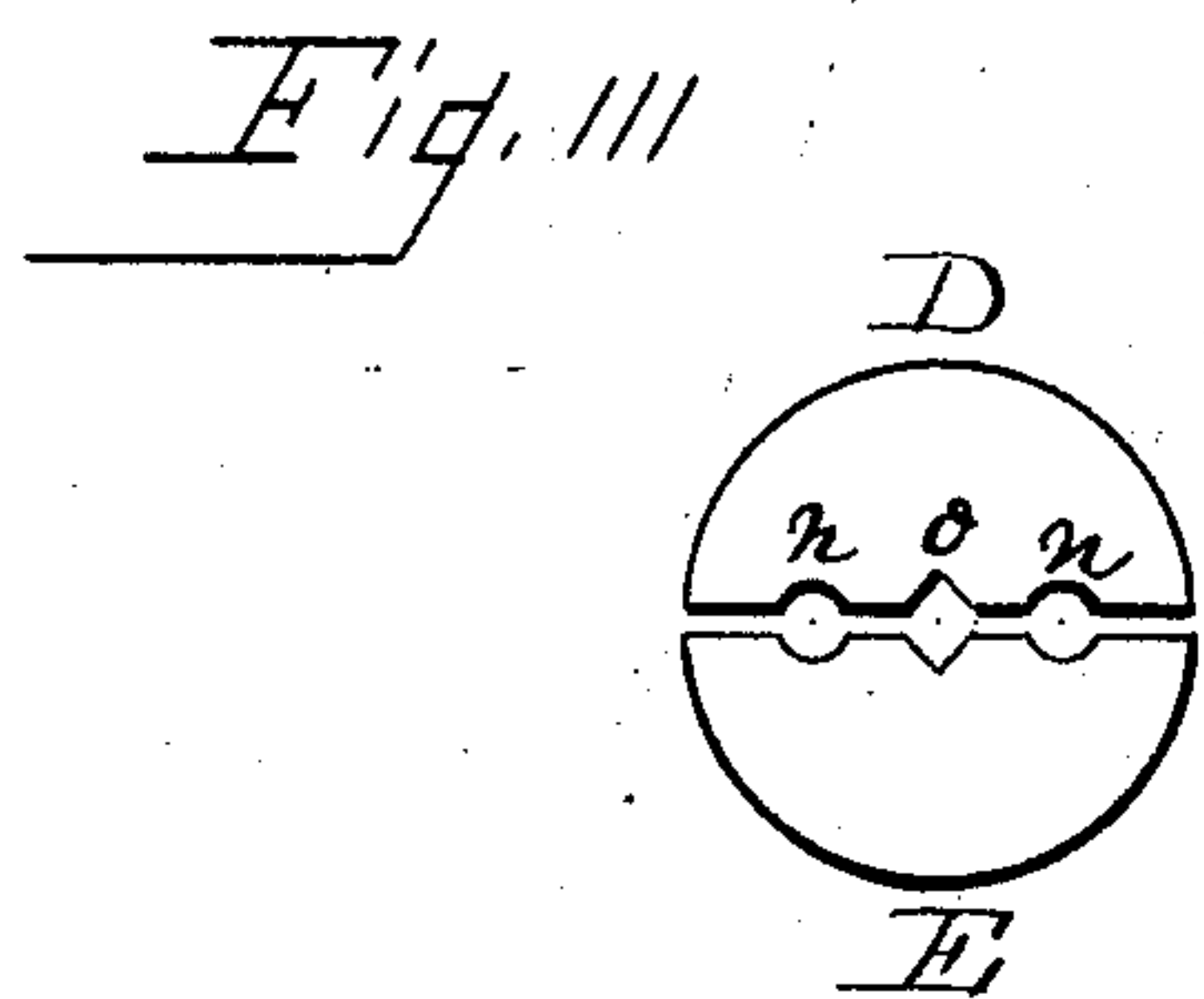
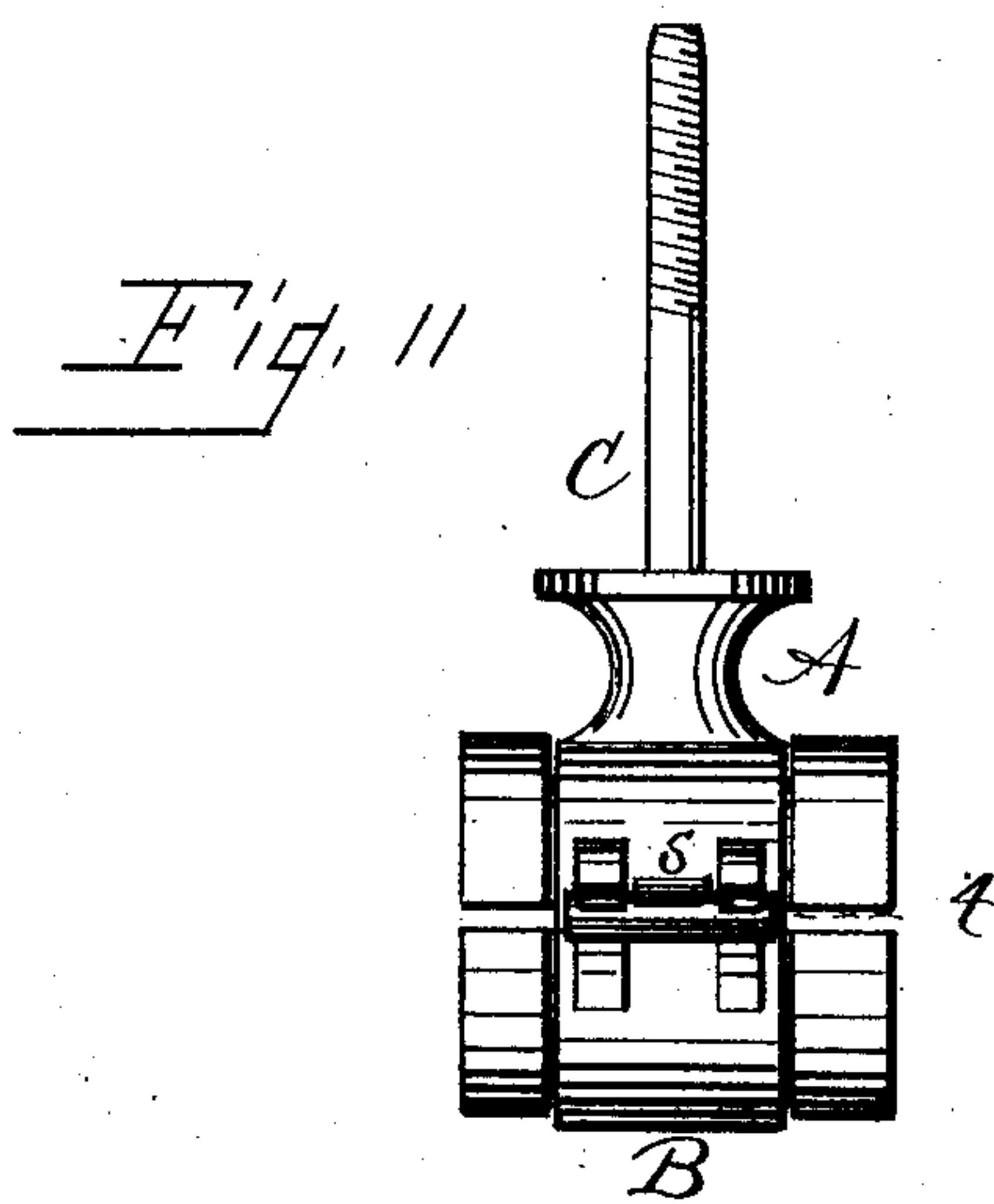
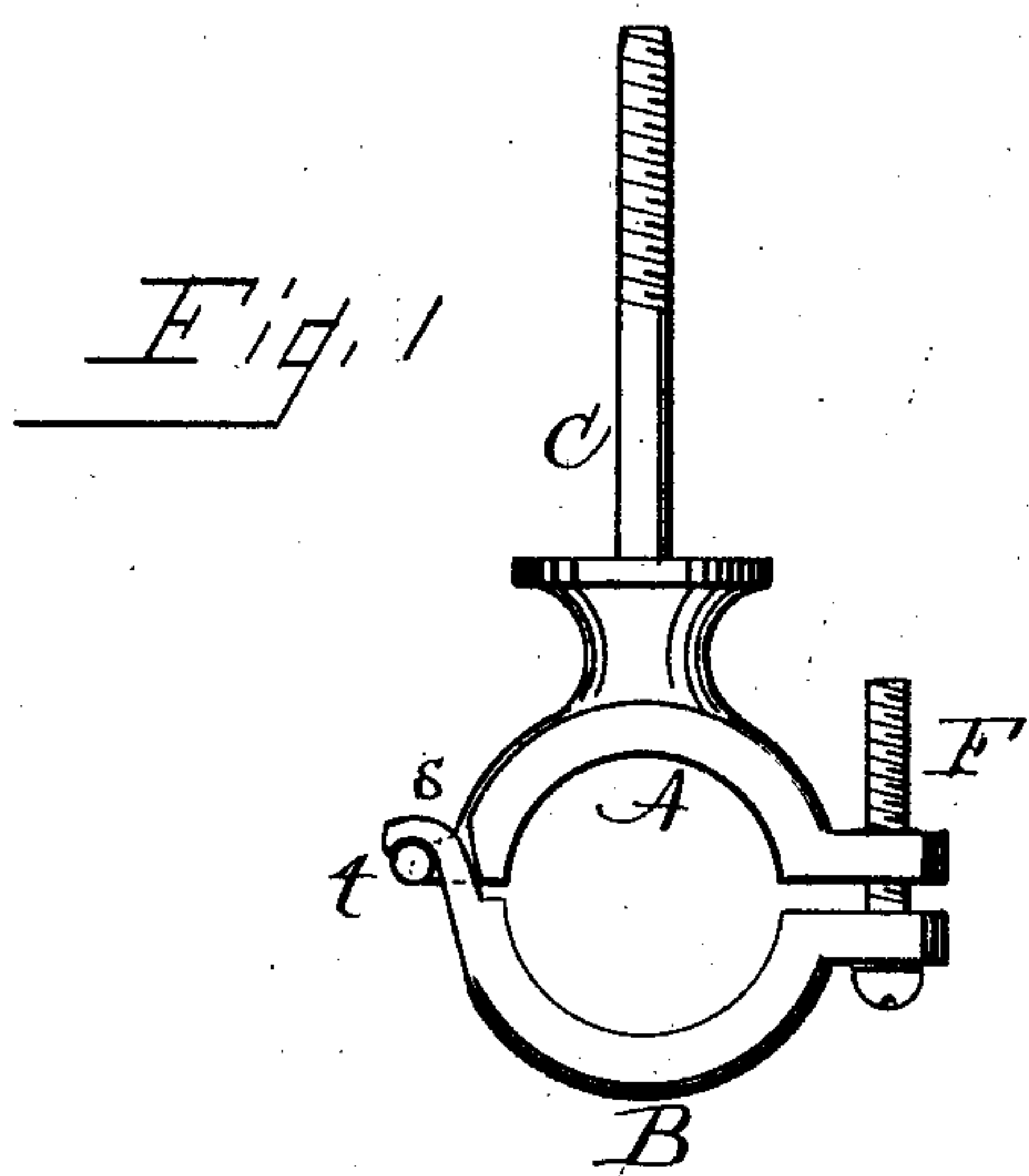
(No Model.)

J. R. FLETCHER.

ELECTRIC WIRE CLAMP INSULATOR.

No. 368,284.

Patented Aug. 16, 1887.



Witnesses

*Will. E. Kette*  
*James Turpin*

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By *His Attorney B. Pickering*

# UNITED STATES PATENT OFFICE.

JOHN R. FLETCHER, OF DAYTON, OHIO.

## ELECTRIC-WIRE-CLAMP INSULATOR.

SPECIFICATION forming part of Letters Patent No. 368,284, dated August 16, 1887.

Application filed December 22, 1886. Serial No. 222,236. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN R. FLETCHER, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented a certain new and useful Improvement in Electric-Wire-Clamp Insulators; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to an improved device for holding conducting-wires, and is entitled an "electric-wire-clamp insulator;" and it consists of a metallic frame in two parts which embraces a divided porcelain insulator having longitudinal grooves, in which insulating-conductors are supported. The object is to make a secure fastening for electric-light wires in connection with buildings.

The mechanism is illustrated in the accompanying drawings, in which—

Figure I is a side view of the clamp-frame. Fig. II is a longitudinal view of the same with the divided insulator in position. Fig. III is an end view of the divided insulator. Fig. IV is a side view of the same.

Like letters designate like parts throughout the several views.

The frame consists of the part A, with the screw C cast into its head, and the part B, which is attached to the aforesaid part by a hook on one side and a screw through the ears on the opposite side. The cylindrical part *t* is supported on an extension from the body of part A, and on said part are supported the hooks *s*, which belong to the under part of the frame. The screw F, which engages the ears of both of these parts, is used to hold the parts together and tighten them against the contained insulator.

When I construct the frame for the use of holding two conducting-wires, I provide ears alike on both sides of the parts A and B, and only use the hooked connection when a single wire is placed in the central grooves of the divided insulator.

The insulator consists of two semi-cylindrical halves, DE, with rims at their ends. Both parts have longitudinal grooves, either angular or circular, and these grooves are for the purpose of holding an insulated conducting wire or wires. When two wires are clamped within the insulator, the grooves *n n* are used, and when but one the central groove, *o*, is used.

The manner of using the electric clamp or fastening is to screw the same to the walls or casings of a room, place one part of the insulator in the frame, then put in the insulated wire, then the other half of the insulator, then the lower part of the frame, and tighten with the screw, thus clamping the conductor snugly between the halves of the insulator. If two wires are to be held, they are placed in the outer grooves, and ears and screws being used on both sides of the frame, they are thereby uniformly clamped in position.

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

An electric-wire-clamp insulator comprising part A, having screw C, semicircular part with ear and rounded part *t*, and semicircular part B, having ears and hooks *s*, and screw to unite said ears, substantially as shown and described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN R. FLETCHER.

Witnesses:

B. PICKERING,  
SUMNER T. SMITH.