

No. 663,542.

Patented Dec. 11, 1900.

J. N. HENRY.  
CURTAIN ROD.

(Application filed Apr. 7, 1900.)

(No Model.)

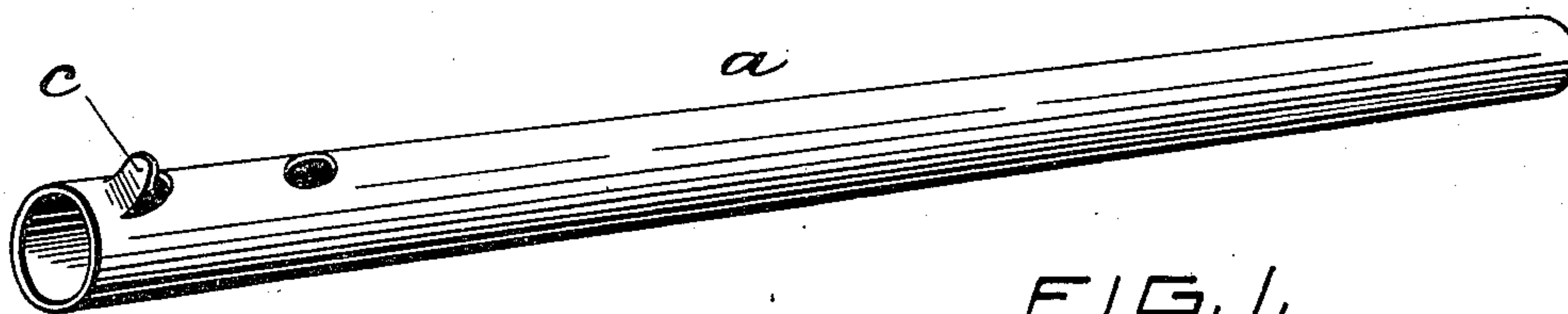


FIG. 1.

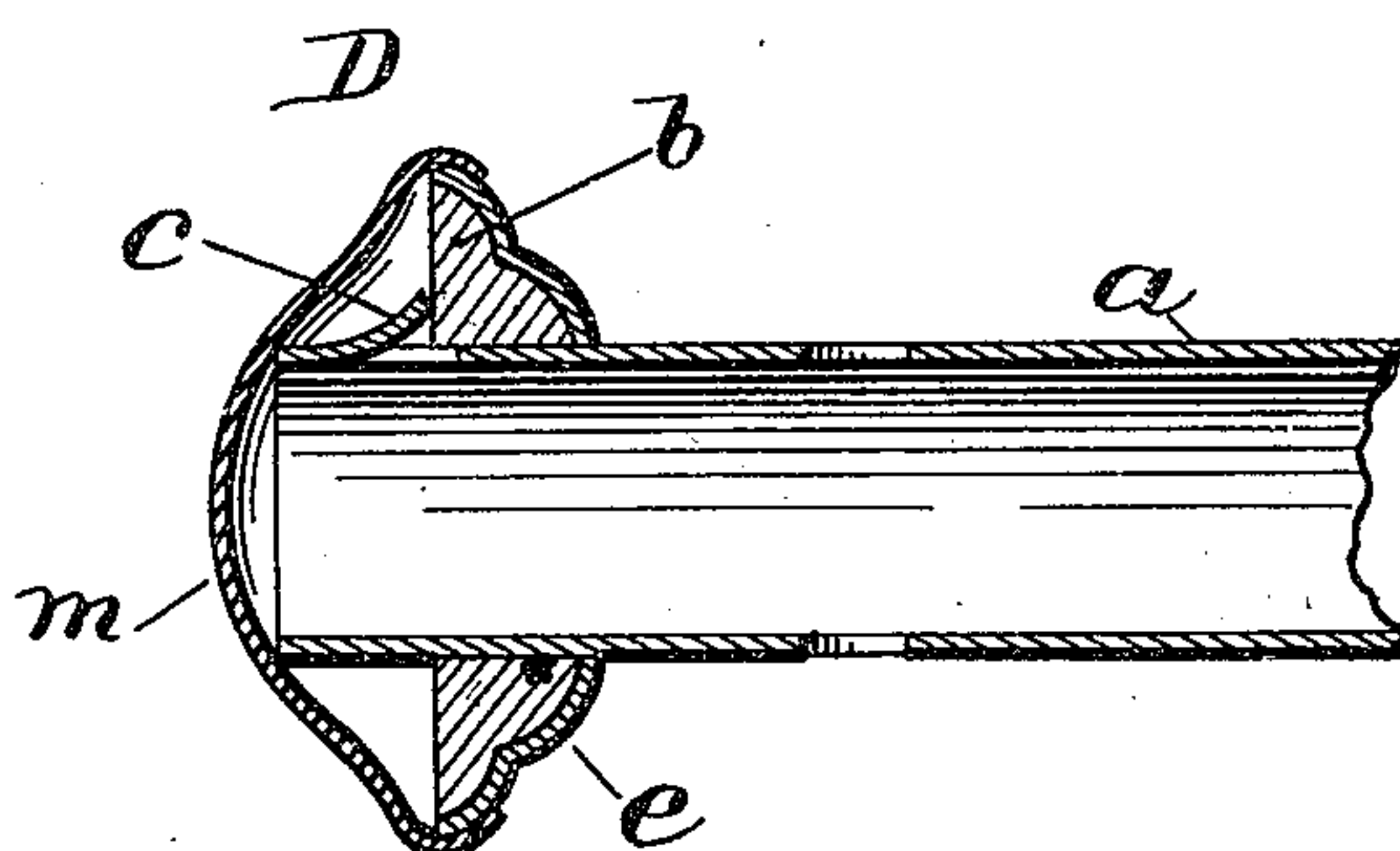


FIG. 2.

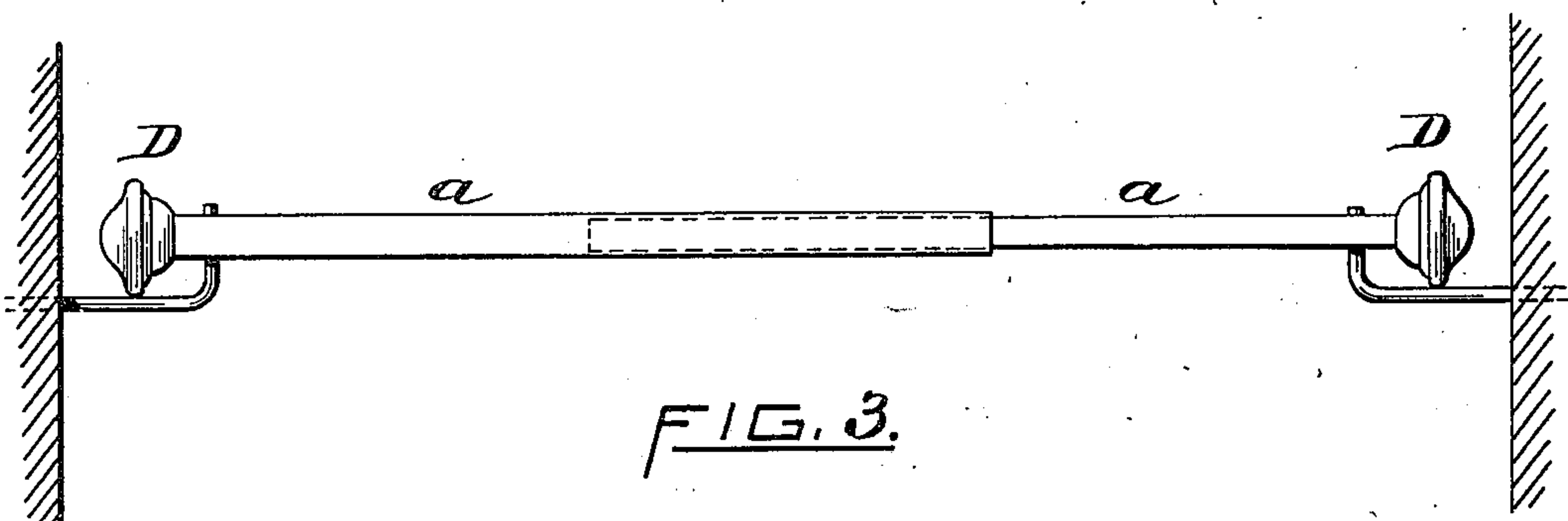


FIG. 3.

WITNESSES.

Charles T. Hannigan.  
John A. Hamblin

INVENTOR.

James N. Henry  
by Horatio E. Bellows  
Att'y.

# UNITED STATES PATENT OFFICE.

JAMES N. HENRY, OF PROVIDENCE, RHODE ISLAND.

## CURTAIN-ROD.

SPECIFICATION forming part of Letters Patent No. 663,542, dated December 11, 1900.

Application filed April 7, 1900. Serial No. 11,953. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES N. HENRY, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a certain new and useful Improvement in Curtain-Rods, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to the construction of curtain-rods, and has for its object the permanent union of the rod and its head member in a cheap and effective manner. Heretofore this class of rods has involved in construction much labor and expense due to the soldering of the head to the rod. To overcome this disadvantage my invention is directed, and the desired end is attained by the novel construction and arrangement of parts hereinafter described, and illustrated by the accompanying drawings, wherein—

Figure 1 is a perspective view of the rod member. Fig. 2 is a central sectional view of the rod and head members, and Fig. 3 is a side elevation of a complete rod adjusted for use.

In the drawings similar letters of reference apply to similar parts throughout the several views.

My improved curtain-rod is constructed as follows: A tubular rod member *a*, which may be longitudinally split, if desired, is cut near its end in a semicircular or pointed shape to produce a projecting tongue *c*. This tongue partakes of the elasticity of the metal com-

posing the rod and will after the release of any temporary pressure spring back into its original projecting position. The head member *D* consists of metallic pieces *m* and *e*, swaged together and inclosing a bushing *b*, preferably of wood. Into the head thus constructed the rod member *a* is inserted. During the insertion of the rod the tongue *c* is compressed into the plane of the rod; but after the parts have reached their final relative positions the tongue springs upward and bears against the face of the bushing *b*. It will be seen that the parts thus united are firmly secured against disengagement and that the construction is applicable to tubular curtain-rods of every description.

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

A curtain-rod, consisting of a tubular rod member, a spring-tongue formed from the body portion of said rod near its end, and a head member having a hollow portion and a solid portion adapted to slide upon the end of the rod member and have the spring-tongue engage the inner surface of the solid portion to hold the head member upon the rod.

In testimony whereof I have affixed my signature in presence of two witnesses.

JAMES N. HENRY.

Witnesses:

WILLIAM F. SHIRLEY,  
HORATIO E. BELLOWS.