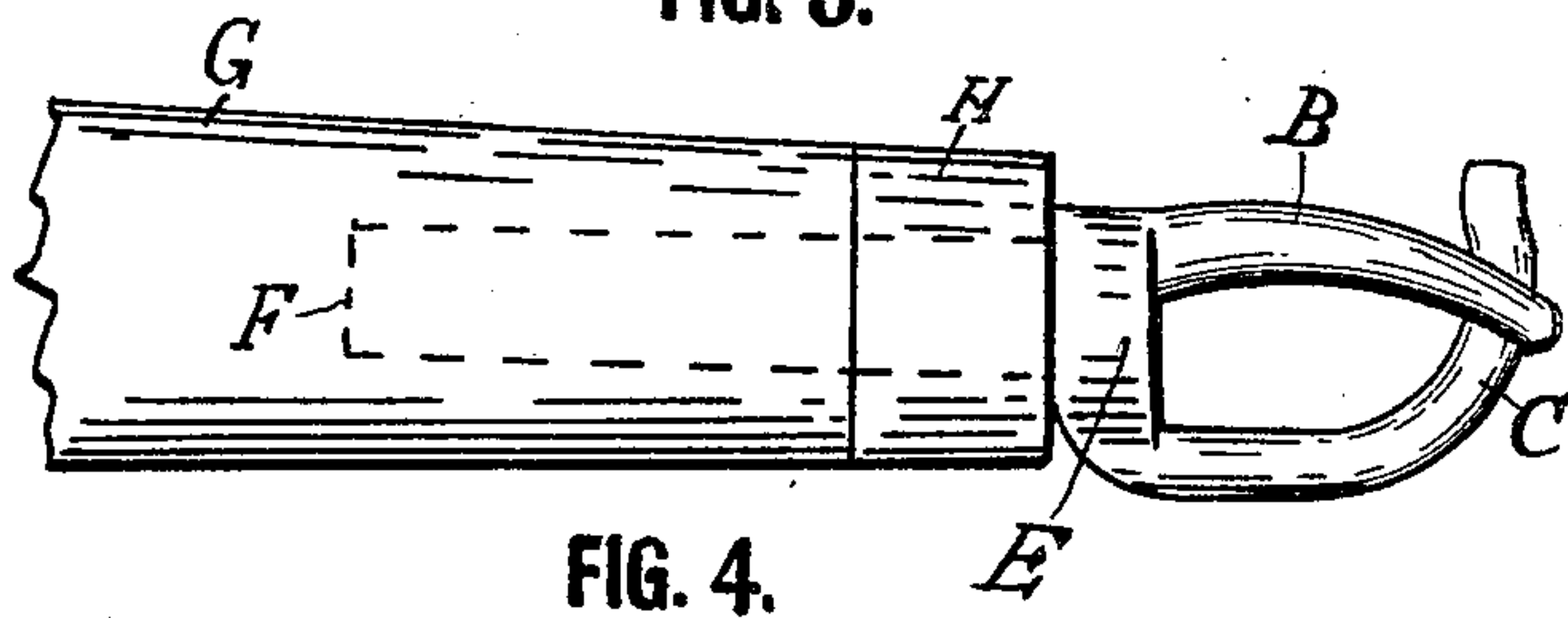
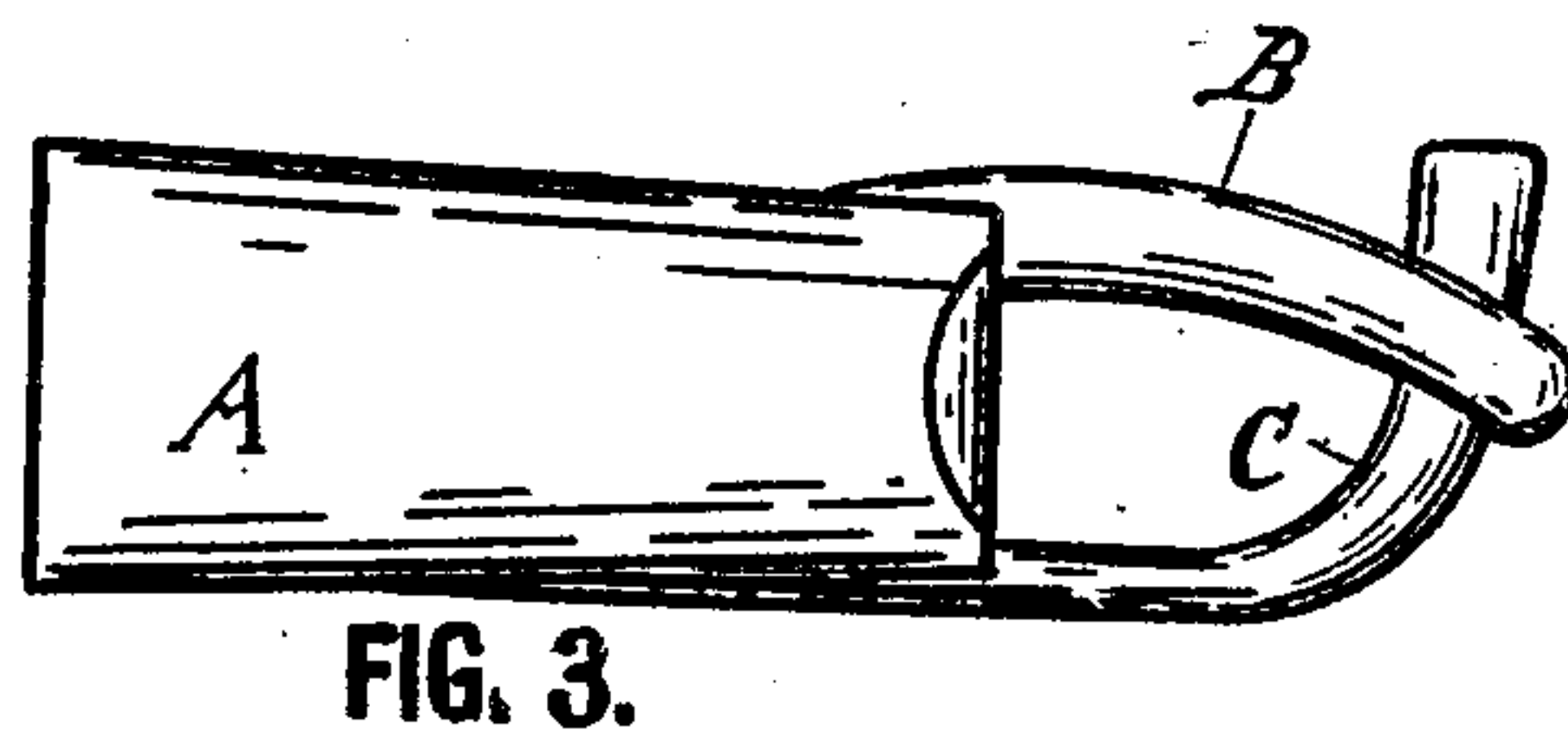
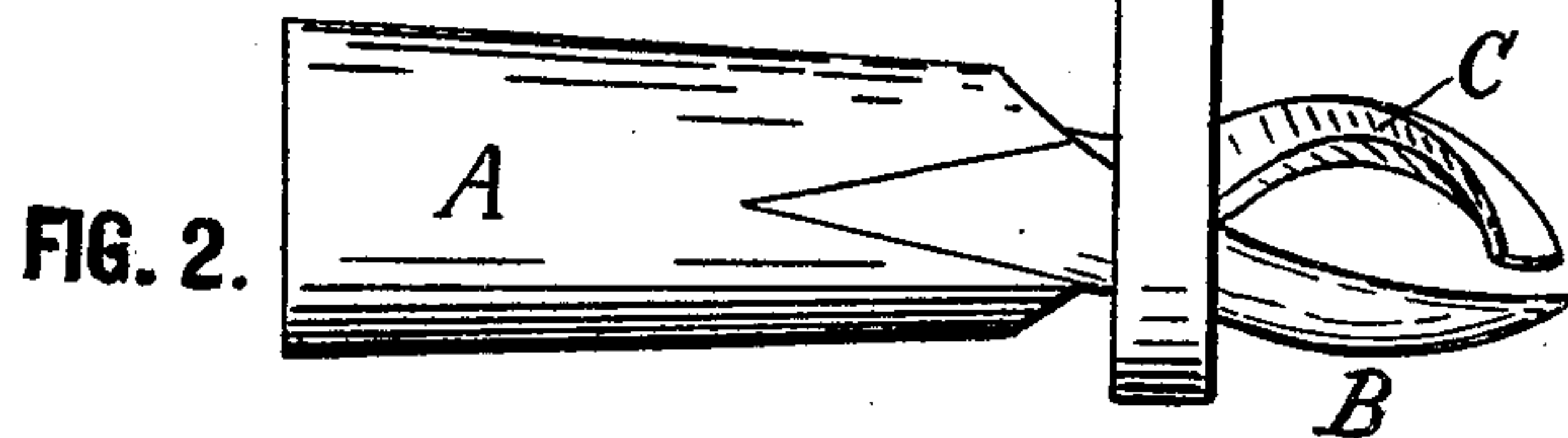
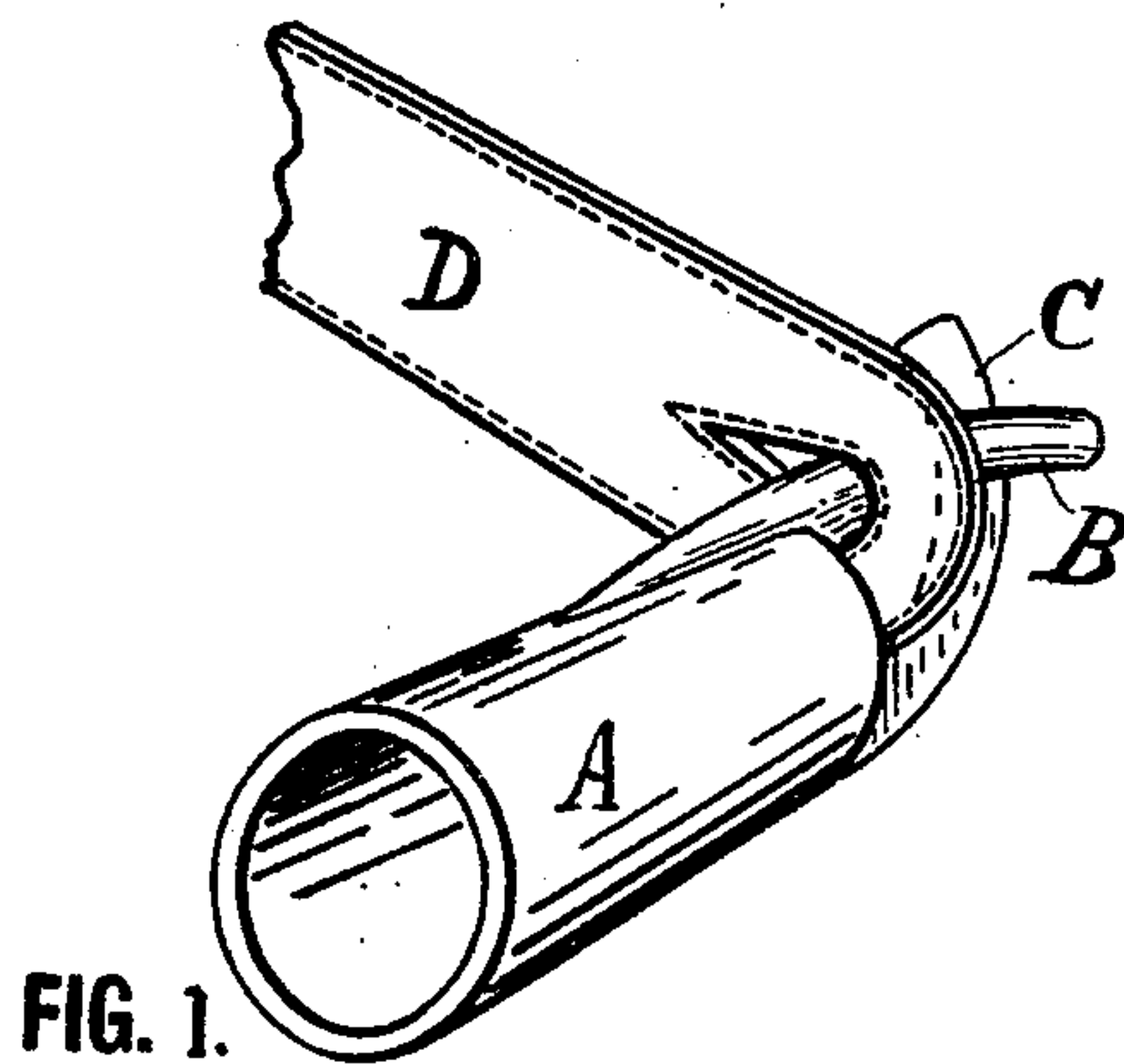


No. 824,372.

PATENTED JUNE 26, 1906.

H. P. MONSERUD.
TRACE FASTENER.
APPLICATION FILED DEC. 31, 1904.



WITNESSES:

D. E. Carlson.
C. C. Carlson.

INVENTOR.

Hans P. Monserud.
BY his ATTORNEY.
A. M. Carlson.

UNITED STATES PATENT OFFICE.

HANS P. MONSERUD, OF WAUBAY, SOUTH DAKOTA.

TRACE-FASTENER.

No. 824,372.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed December 31, 1904. Serial No. 239,064.

To all whom it may concern:

Be it known that I, HANS P. MONSERUD, a citizen of the United States, residing at Waubay, in the county of Day and State of South Dakota, have invented certain new and useful Improvements in Trace-Fasteners; and I do declare the following to be a full, clear, and exact description of the invention, such as 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 means for fastening tugs and traces to whiffletrees; and the object of the invention is to provide a novel, cheap, simple, durable, and efficient trace-fastener. This object I attain by the novel construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view, and Fig. 2 a top view, of my improved trace-fastener with a portion of a trace in attached position thereon. Fig. 3 is a rear view of the device alone, and Fig. 4 is a rear view showing a modification of the device and its connection with the whiffletree.

Referring to the drawings by letters of reference, A designates a ferrule or socket securable upon the end of the whiffletree. From the outer end of this socket projects outwardly, and preferably on a slant rearwardly and downwardly, a tongue B, adapted to receive upon it the eye of the rear end of the trace D. From the lower end corner of the socket A projects outwardly and in front of the tongue B upwardly a hook C, which

coming up at the outer side of the trace prevents accidental disengagement of the latter from the tongue B. To attach the trace to the device, the trace is simply bent so as to slip down between the ends of the two members B and C, while the eye of it is placed upon the member B, where it will be retained by the member C until detaching or unhitching is done by the reverse movement of the trace.

In Fig. 4 is shown how the members B and C may be formed on the head E of a shank F, which may be screwed or driven into the whiffletree G, the ends of which in that case are strengthened by a common ferrule H. Both of said members, horns, or arms B and C are stiff and firm; but the arm C may be springy.

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

A trace-fastener consisting of a main member securable at the end of a whiffletree and two smaller members projecting outward from the main member, one of said smaller members receiving the eye of the trace and the other being curved so as to engage the outer side of the trace to prevent its accidental disengagement, said main member consisting of a socket serving also as a ferrule on the end of the whiffletree.

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

HANS P. MONSERUD.

Witnesses:

A. M. CARLSEN,
D. E. CARLSEN.