

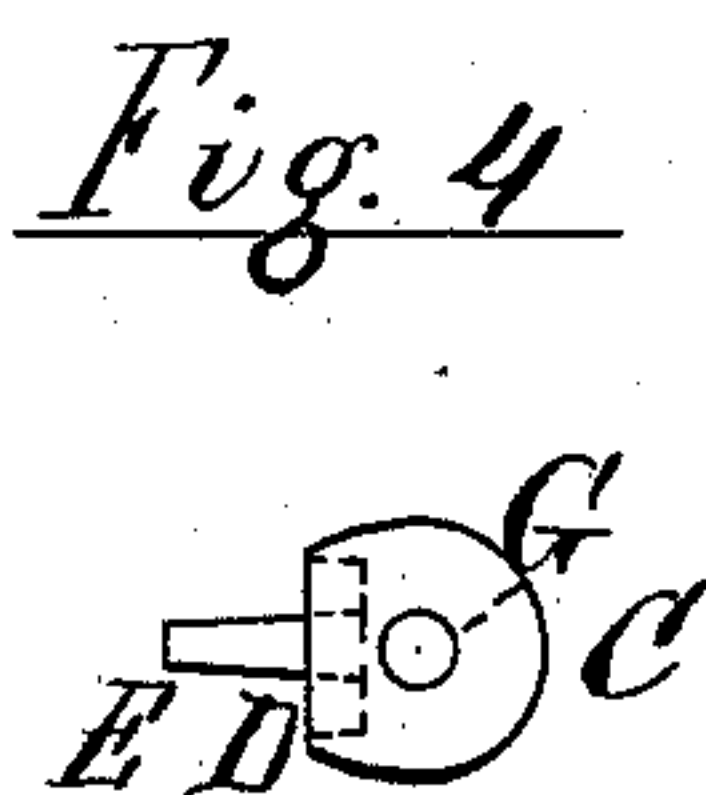
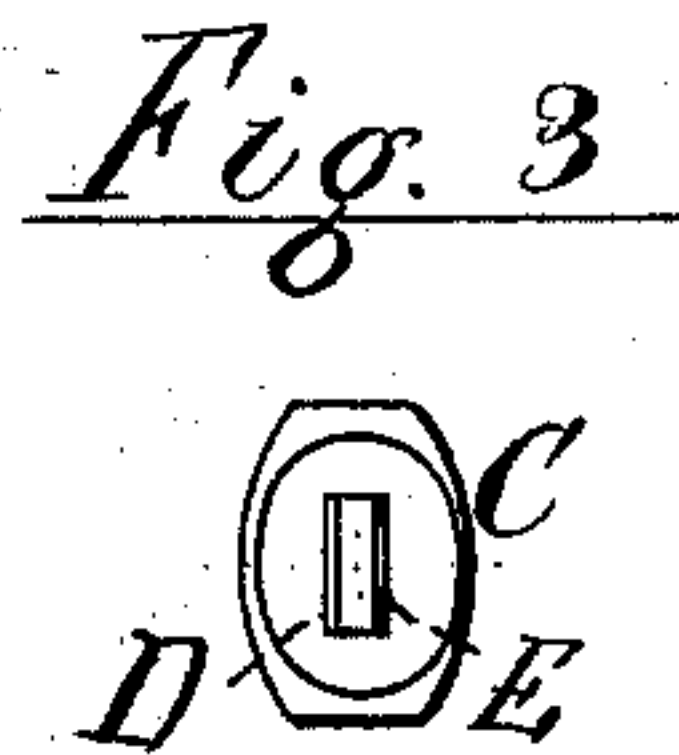
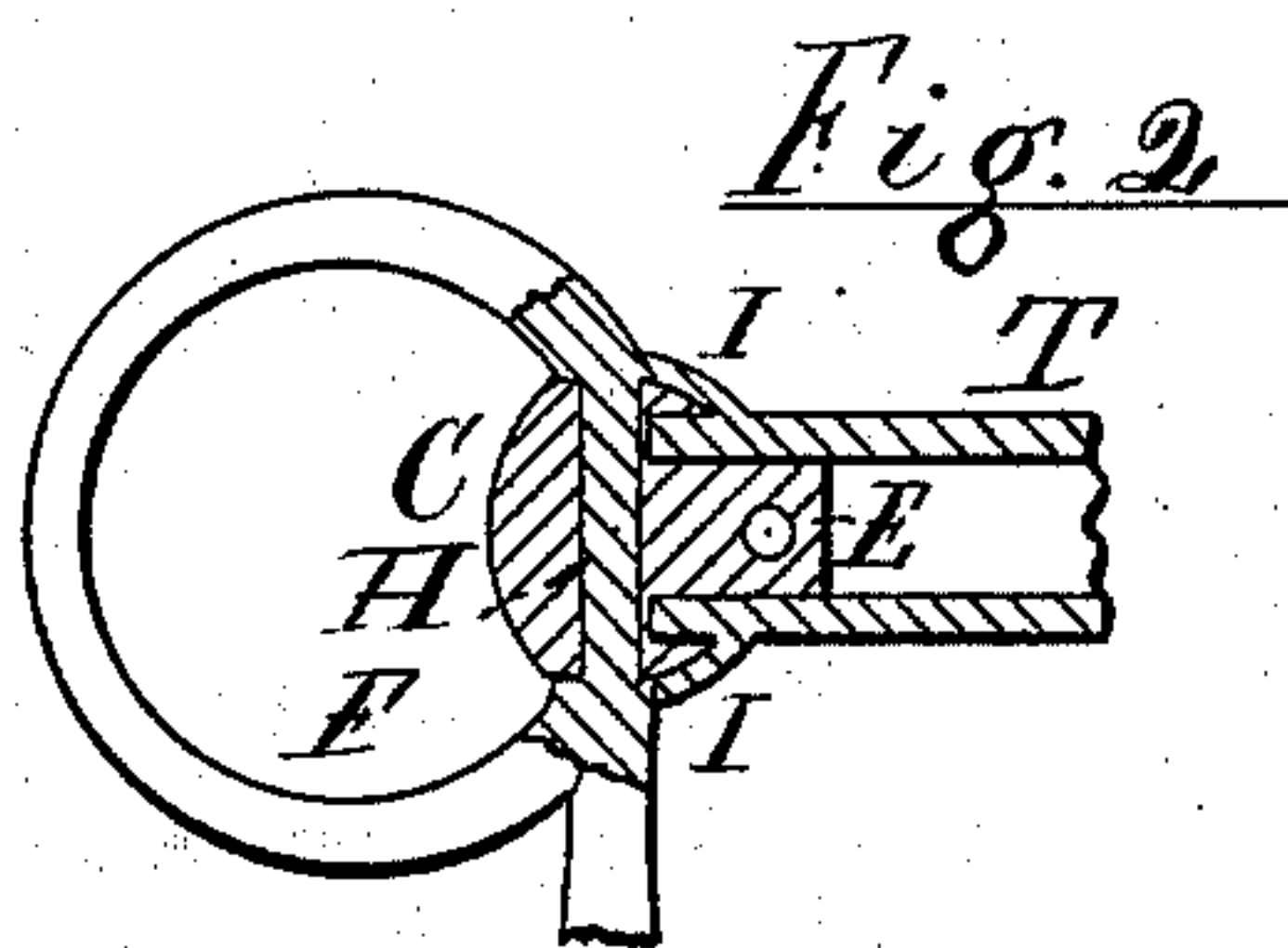
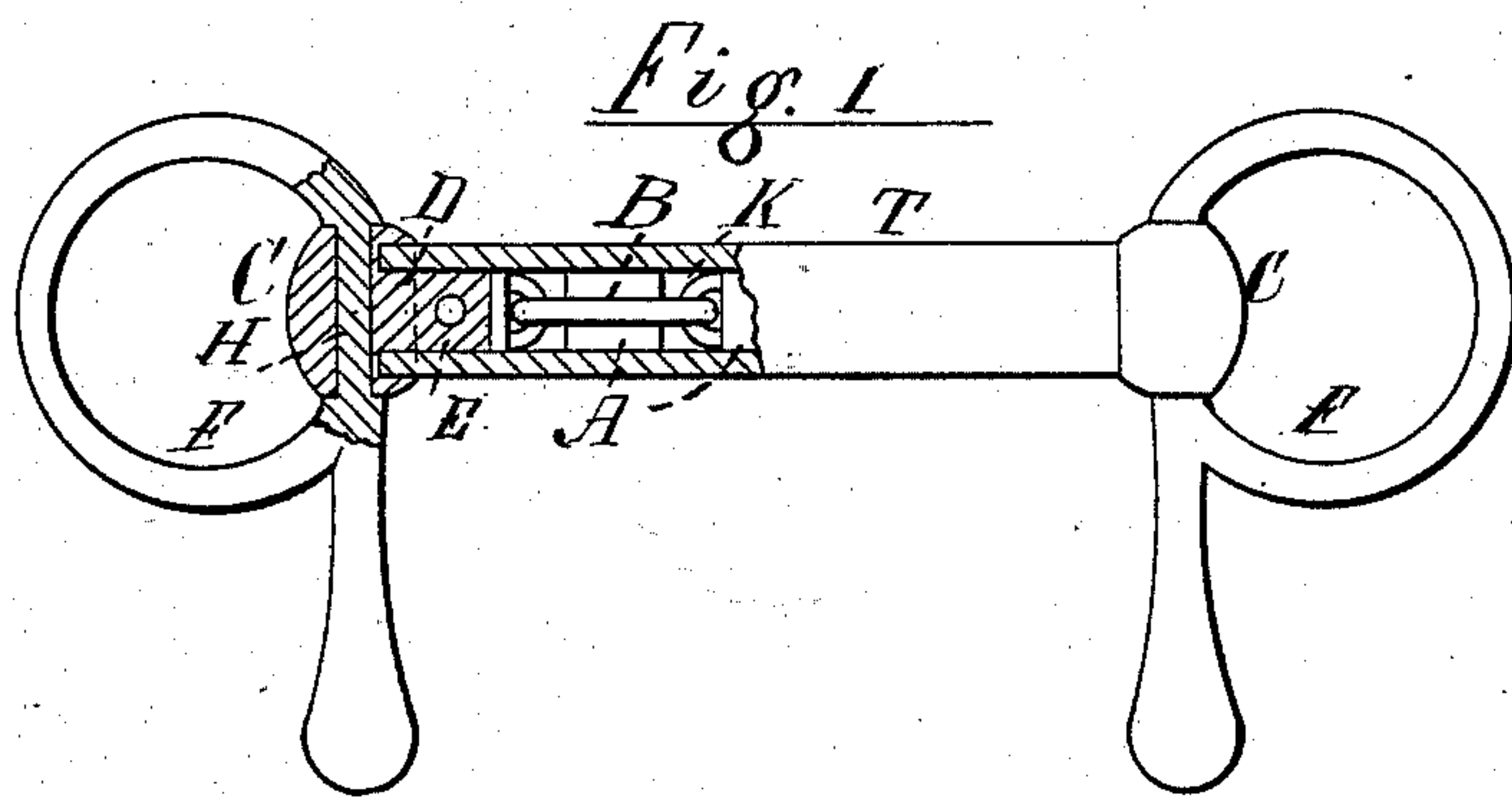
(No Model.)

H. S. SQUIER.

BRIDLE BIT.

No. 255,737.

Patented Mar. 28, 1882.



Attest:
Joseph M. Brown
J. M. Connelley

Inventor.
Horace S. Squier
By Horace Harris

UNITED STATES PATENT OFFICE.

HORACE S. SQUIER, OF NEWARK, NEW JERSEY.

BRIDLE-BIT.

SPECIFICATION forming part of Letters Patent No. 255,737, dated March 28, 1882.

Application filed January 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, HORACE S. SQUIER, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Bridle-Bits, of which the following is a specification.

My invention relates to an improvement in the construction of the core for a mouth-piece, and in the method of connecting a mouth-piece and cheeks of a flexible bridle-bit when rubber tubing, leather, gutta-percha, or other similar material is used for a covering for the mouth-piece; and it consists in a recessed head or bulb, open toward the mouth-piece to allow the end of the tubing to enter the bulb and be protected therein, and also in a divided end of the tubing, allowing part of it to be outside of the bulb.

Figure 1 is a longitudinal elevation, partly in section. Fig. 2 is a detailed view, showing a modification. Figs. 3 and 4 also are detailed views.

My bit is made with the head or bulb C, having a recess, D, and tongue or shank E, fitted to be riveted or otherwise secured to a flexible core or mouth-piece, K.

The recess may be in any form, and any form of cheeks F may be used, and the eye G for the beam H may go through the bulb outside of the recess or through the recess.

The beam may be cast into the eye or be otherwise inserted. The bulb has a round or oval form, the latter seen in Fig. 3.

In addition to end of the tubing T entering the bulb, I make the end with an outside section, I, (shown in Fig. 2,) extending to the cheek, and made to cover the inside of the bulb and keep the horse's lips from contact with the metal.

In manufacturing my bits one bulb is attached to the core, when the tubing is slipped on with the end made to enter the recess D. The tubing is then pressed down along the core, so that the other bulb may be attached and the end of the tubing be made to enter the recess in this bulb, when the bit is completed.

I claim—

1. The combination, in a flexible bridle-bit, of the head or bulb C, having the recess D and the tongue or shank E, to which the end of the flexible core K is riveted, and the flexible covering T, substantially as and for the purpose specified.

2. A bridle-bit having the head or bulb C constructed and arranged substantially as described and shown, in combination with a flexible covering, T, said covering being provided with the section I, substantially as and for the purpose set forth.

HORACE S. SQUIER.

Witnesses:

HORACE HARRIS,
J. W. CONSELYEA.