

(No Model.)

H. PIEPER.

MEANS FOR UNITING DOUBLE GUN BARRELS.

No. 246,195.

Patented Aug. 23, 1881.

Fig. 2.

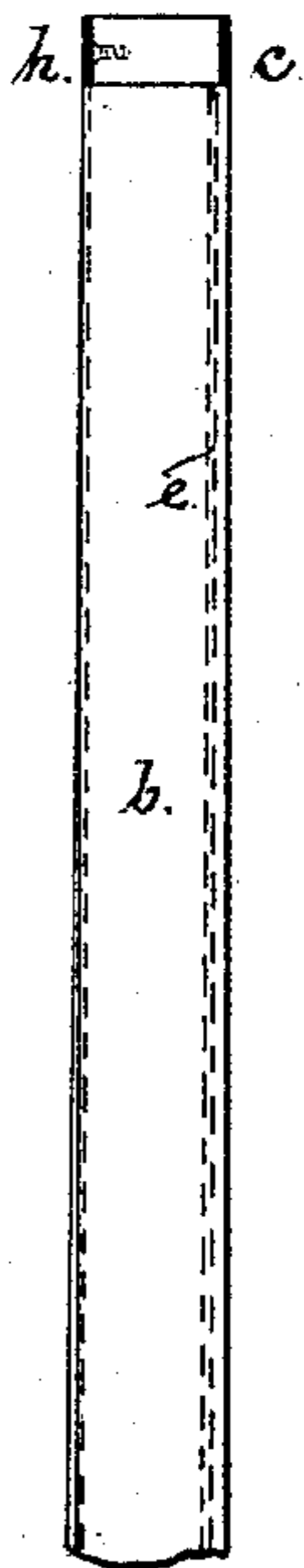


Fig. 1.

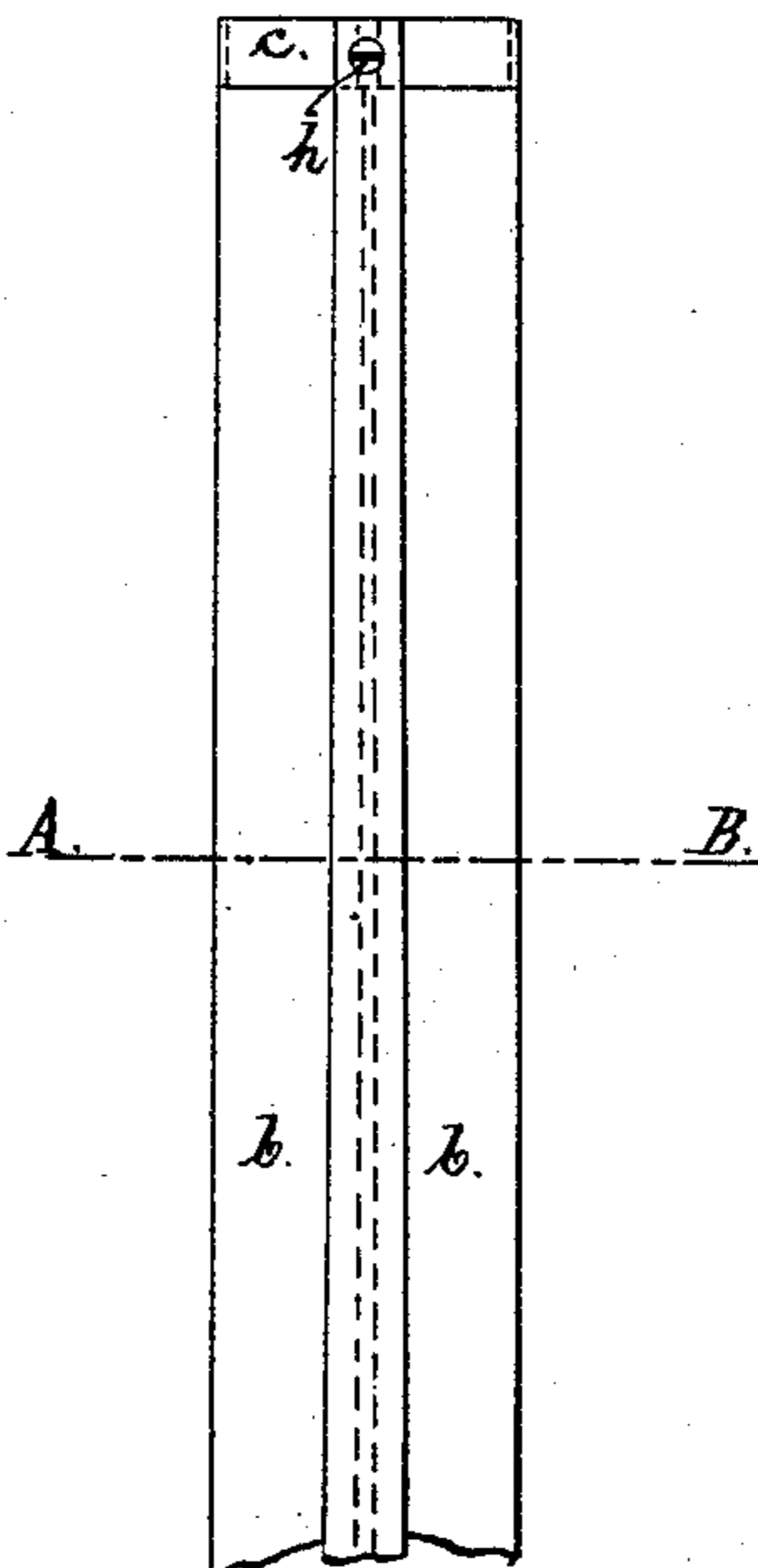


Fig. 3.



Fig. 4.

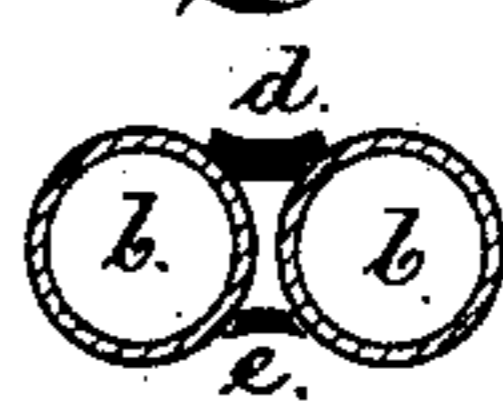


Fig. 5.

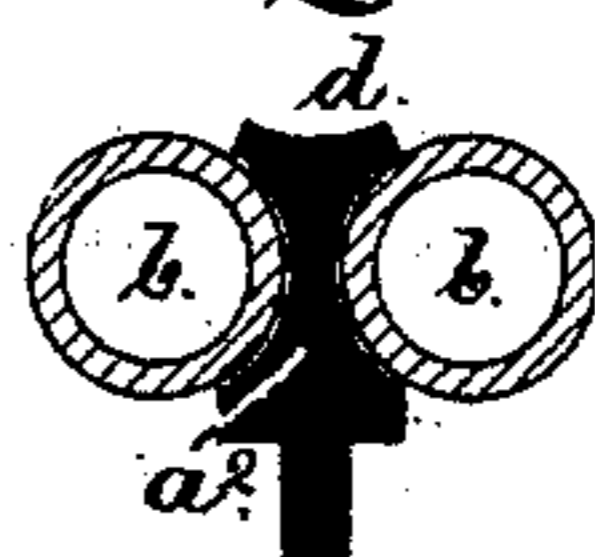


Fig. 6.

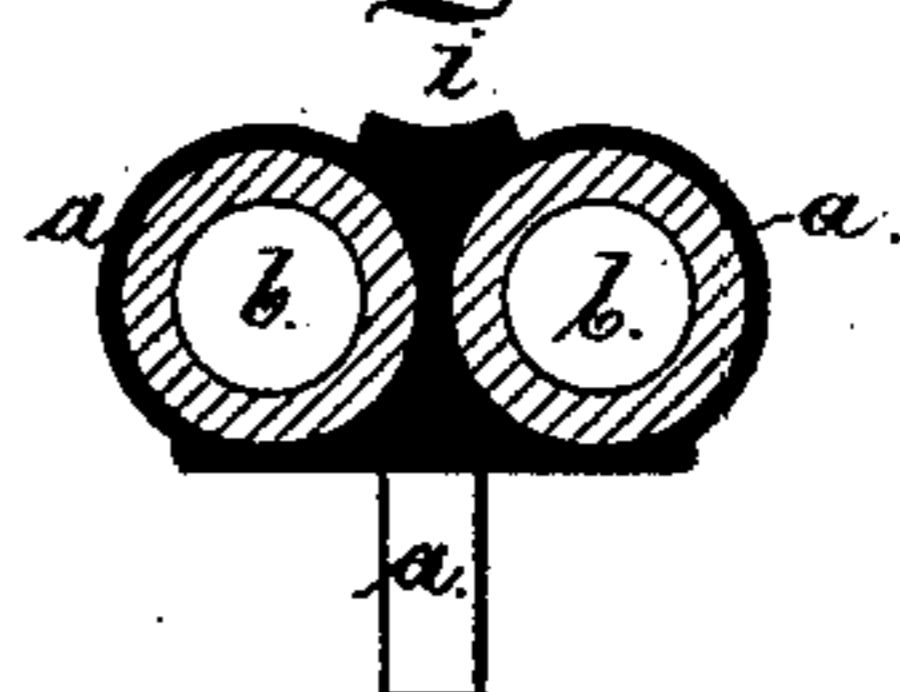
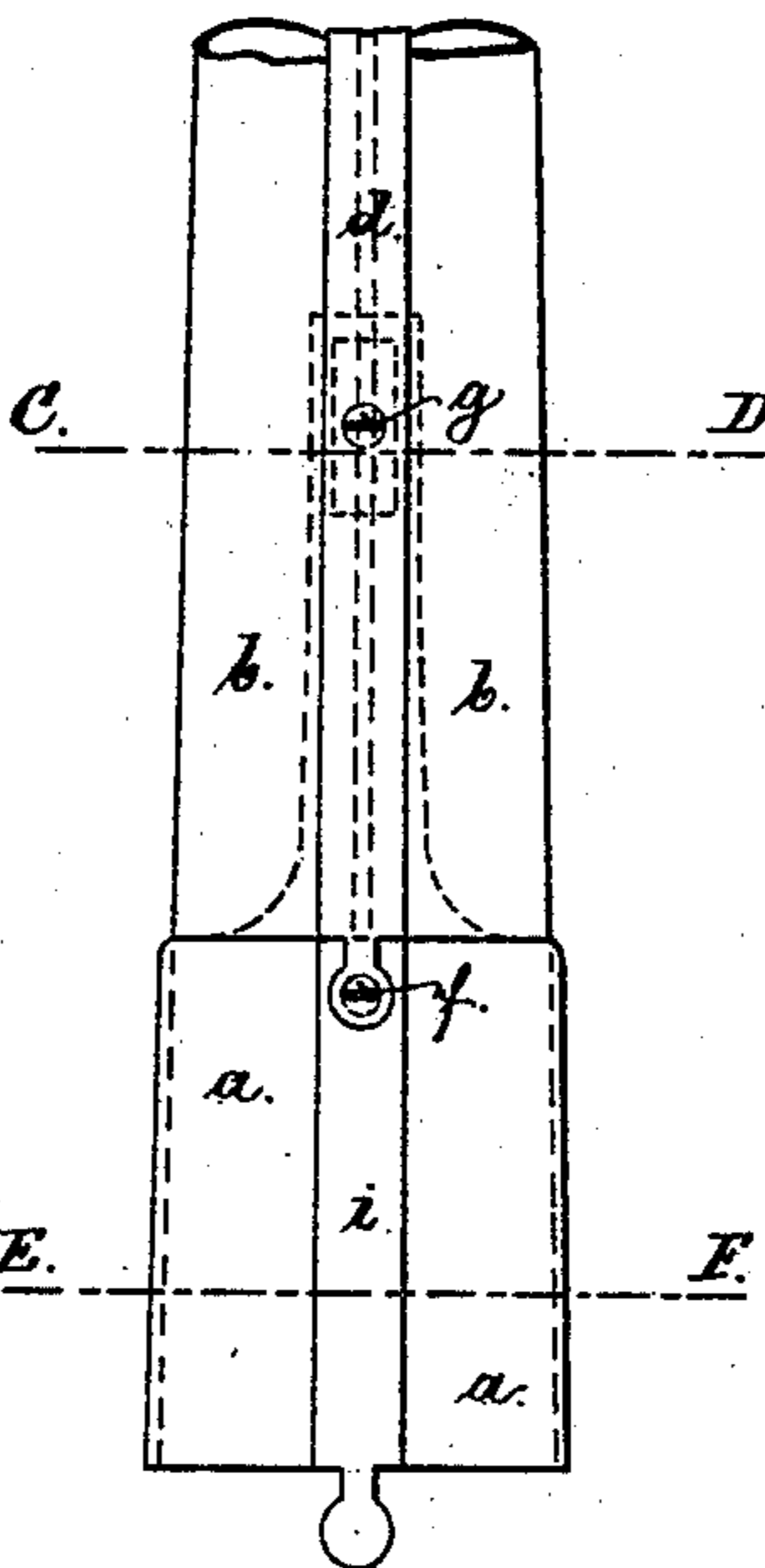
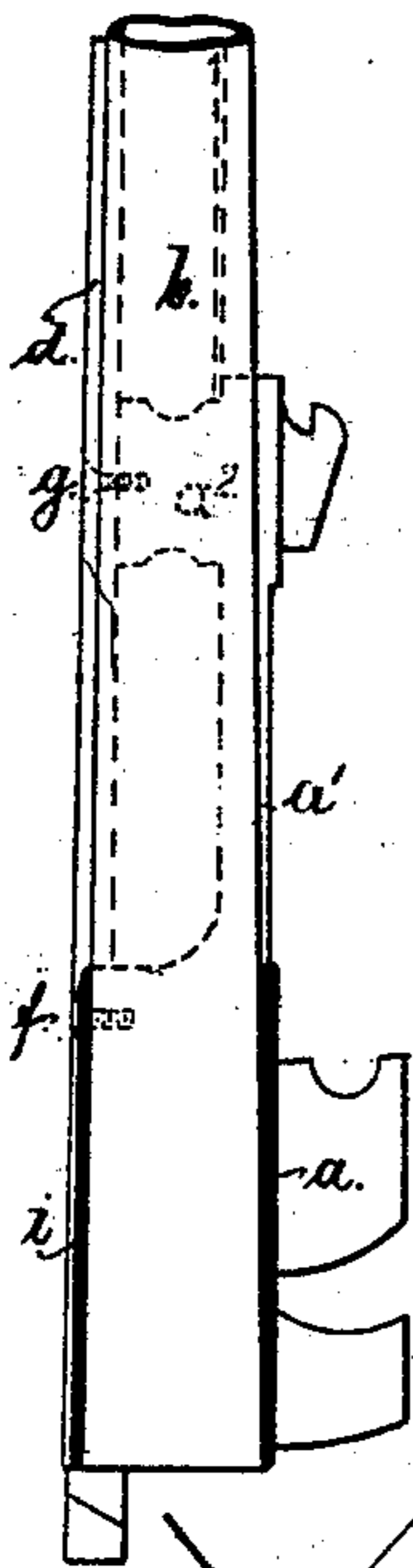
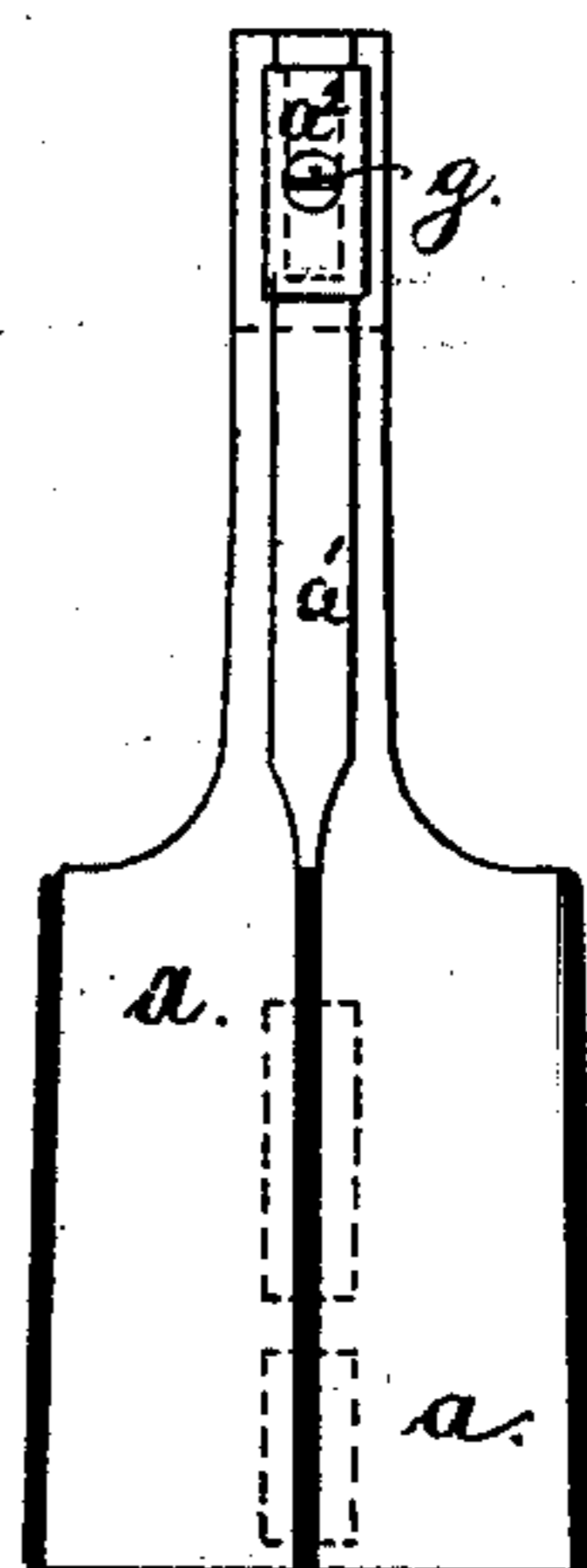


Fig. 7.



WITNESSES

Charles C. Stetson,
M. F. Boyle.

INVENTOR

Henri Pieper
by his attorney
Thomas L. Stetson

UNITED STATES PATENT OFFICE.

HENRI PIEPER, OF LIEGE, BELGIUM.

MEANS FOR UNITING DOUBLE GUN-BARRELS.

SPECIFICATION forming part of Letters Patent No. 246,195, dated August 23, 1881.

Application filed April 23, 1881. (No model.)

To all whom it may concern:

Be it known that I, HENRI PIEPER, of the city of Liege, in the Kingdom of Belgium, have invented an Improvement in the Mode of Unit-
5 ing the Barrels of Double-Barreled Guns; and I do hereby declare that the following is a true and clear specification thereof.

In the accompanying drawings, in which similar letters indicate corresponding parts,
10 Figure 1 is a plan view of the united barrels; Fig. 2, a side view of them and a cut through the breech piece and the double link in an axial plane of one barrel; Fig. 3, an end view; Fig. 4, a cross-section of Fig. 1 in the line A
15 B; Fig. 5, a cross-section of Fig. 1 in the line C D; Fig. 6, a cross-section of Fig. 1 in the line E F; Fig. 7, a view and partial section of the breech-piece.

Through the breech-piece *a* are bored two
20 conical holes for receiving the two barrels *b b*, which are turned or shaped conical—that is to say, thicker on their breech ends than on their muzzles—so as to fit accurately in the said conical holes of the breech-piece. The direc-
25 tion of these conical holes is such that when the barrels *b b* are introduced into the holes they meet or touch each other at their muzzle ends, at which extremity they are united by their insertion into the double link *c*, which
30 fits over the reduced or offset parts of the barrel ends on the muzzle. On the under side of the barrels the breech-piece *a* has the extension *a'*, running up the barrels a suitable or desired distance. Near the upper end it has the
35 plug *a²*, extending up between the barrels and forming a point of attachment for the screw in upper strip. This serves to steady and hold

the barrels, and keeps them at just the right distance apart. The open space between the two barrels *b b*, from the breech end to the dou- 40
ble link *c*, is closed throughout its entire length by means of the two narrow strips *d* and *e*. The wider of these strips, *d*, is placed above the barrels *b*, forming the prolongation of the strip *i* of the breech-piece *a*, to which it is at- 45
tached by the two screws *f g*, the other end of it being fastened to the double link *c* by the screw *h*. The narrower and smaller strip, *e*, is placed below the barrels *a*, and fastened there in a similar or in any convenient manner. 50
Finally, the so-prepared barrels *b*, breech-piece *a*, double link *c*, and strips *d e* are brazed or soldered together.

It must be understood that the breech-piece *a* can be used, in combination with the double 55
link *c*, on double-barreled guns, or only one of these devices may be used, the other or its equivalent then being constructed in another way.

I claim— 60

1. The breech-piece described, having the conical bores for receiving the barrels, the extension *a'*, and plug *a²*, substantially as set forth.

2. The double gun-barrel and joining means 65
described, consisting of the barrels *b b*, breech-piece *a a'*, strips *d e*, and link *c*, substantially as set forth.

This specification signed by me this 11th day of March, 1881.

HENRI PIEPER.

Witnesses:

LOUIS MÜLLER,
AR. MOHRER.