

(No Model.)

E. W. SCOTT.

WHIP SOCKET.

No. 272,907.

Patented Feb. 27, 1883.

Fig. 1.

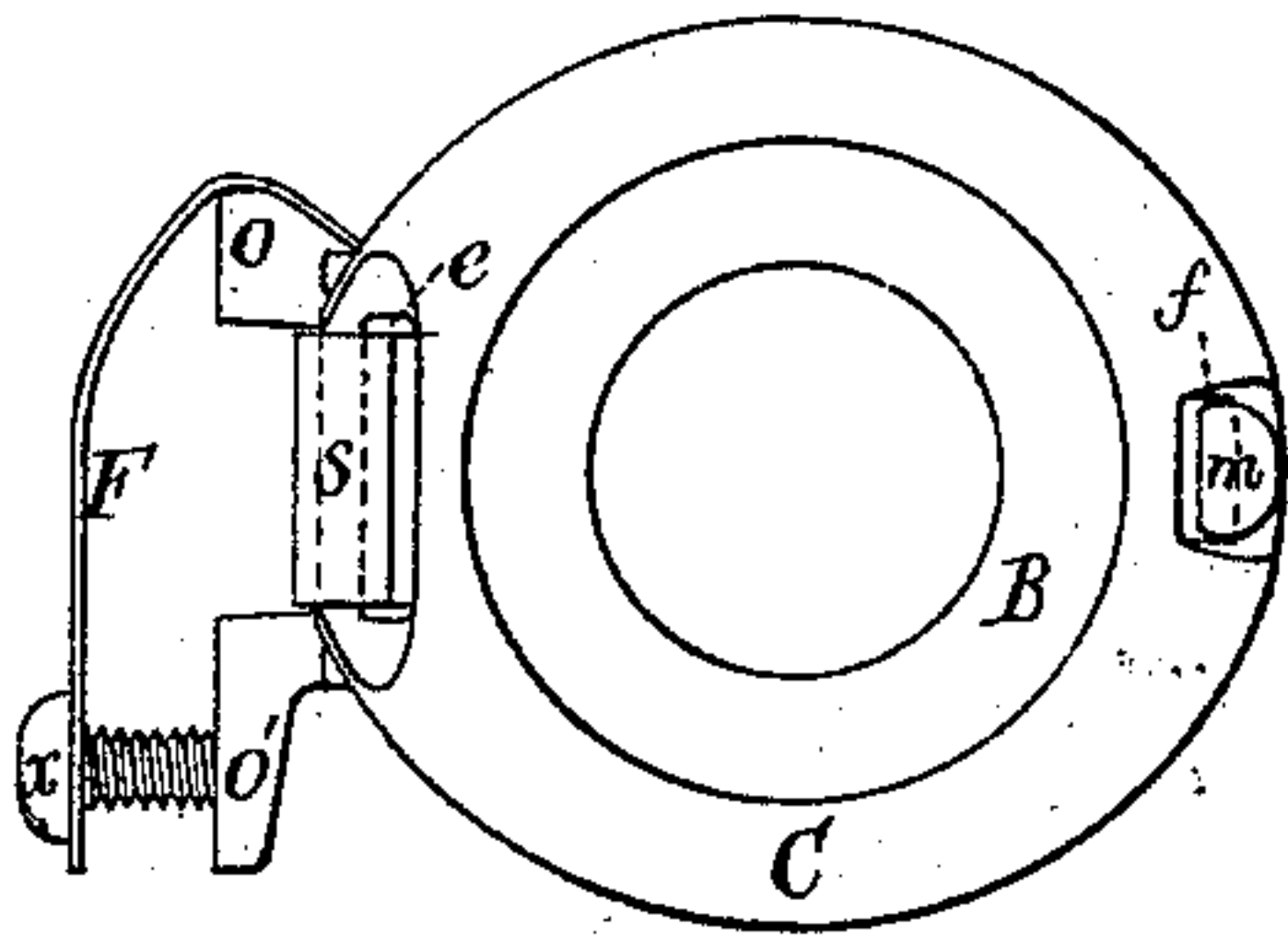


Fig. 7.

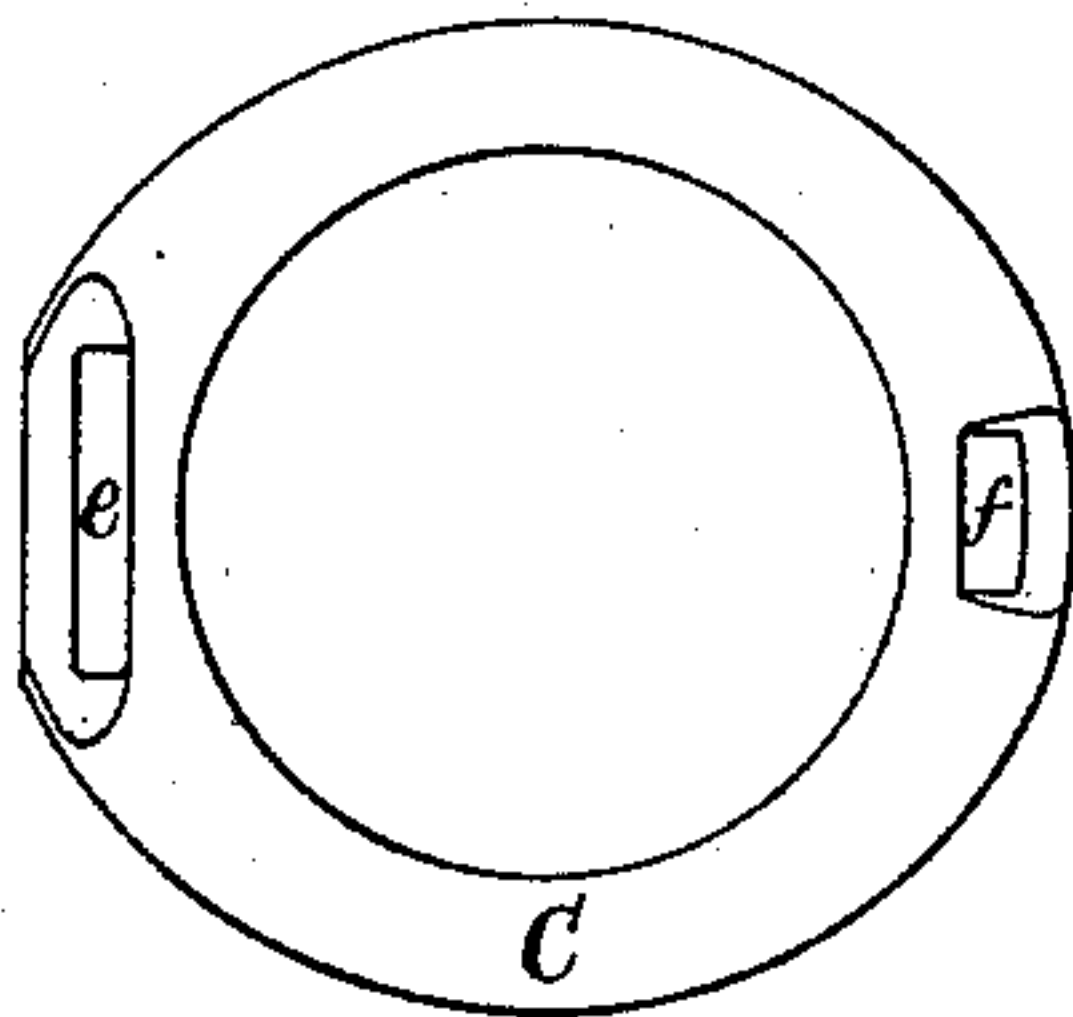


Fig. 10.

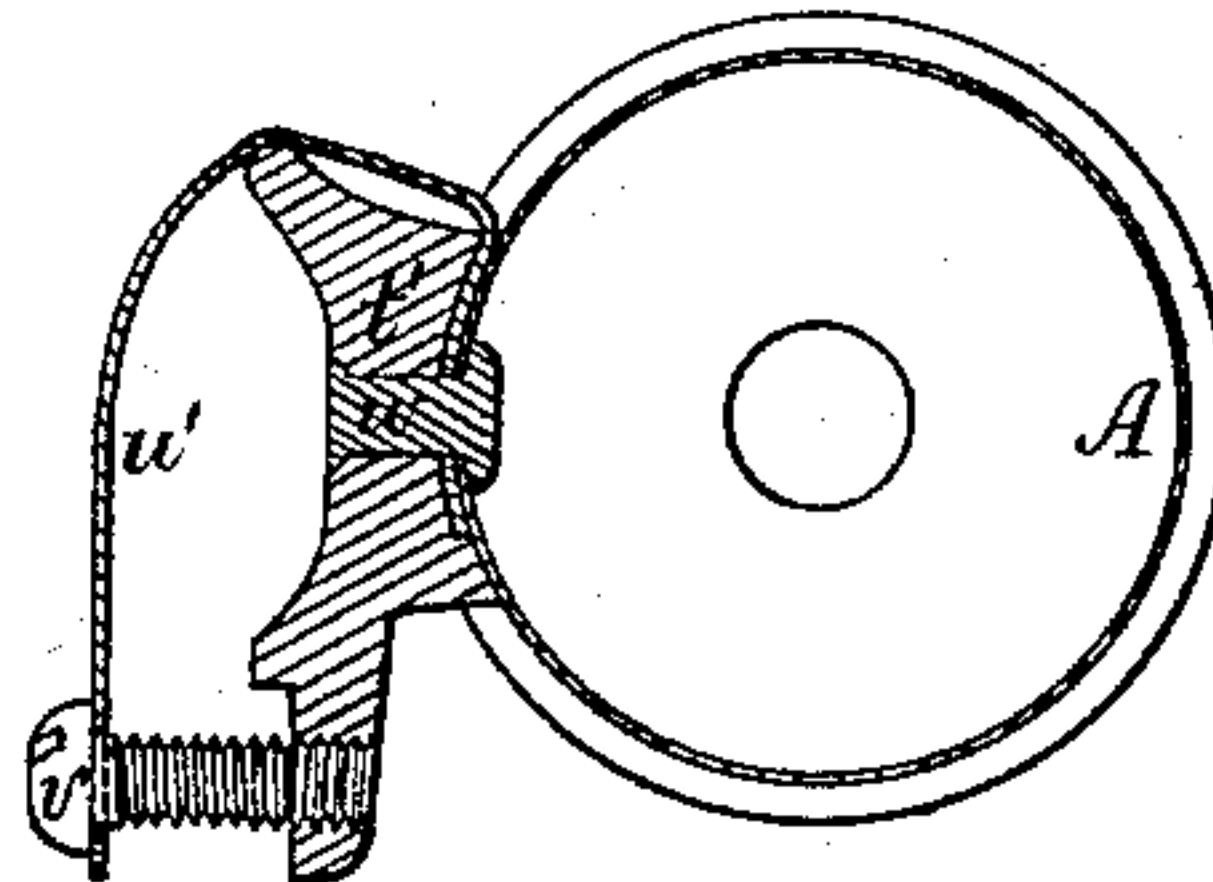


Fig. 2.

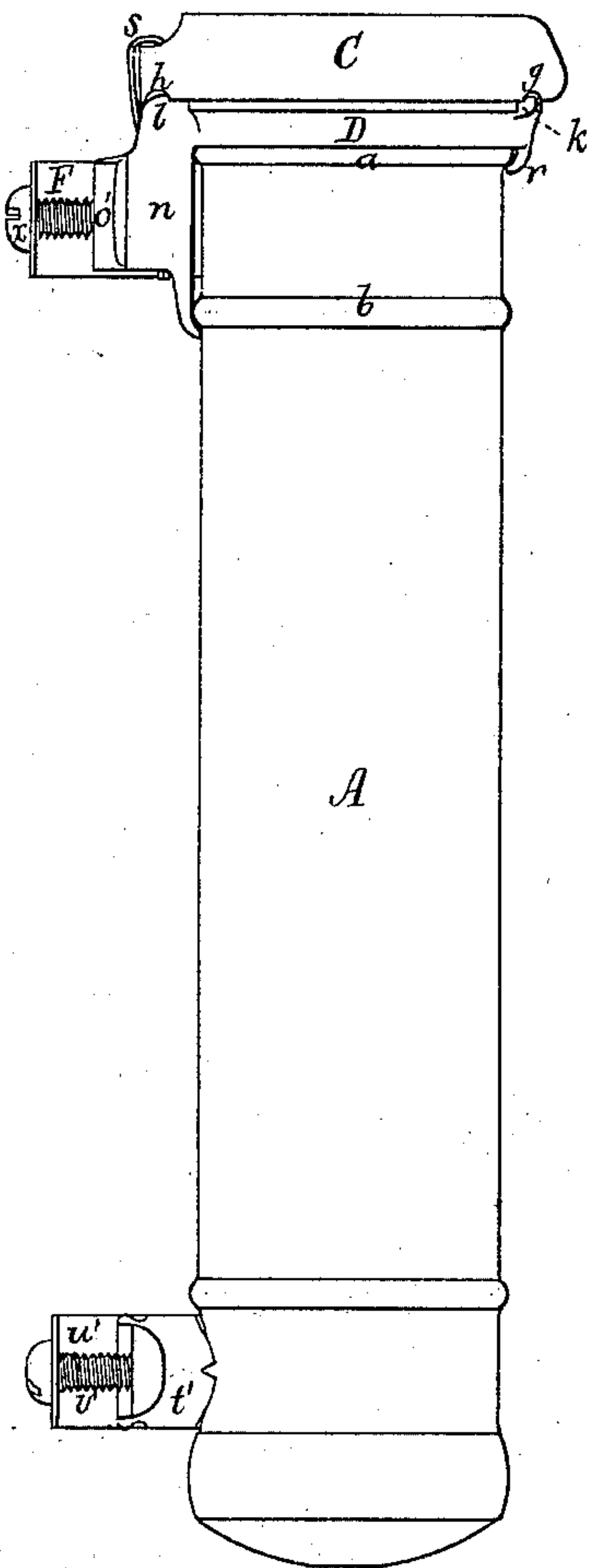


Fig. 8.

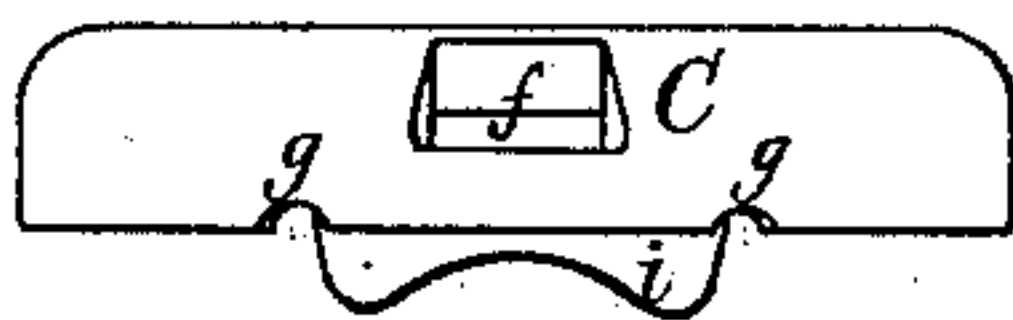


Fig. 9.



Fig. 4.

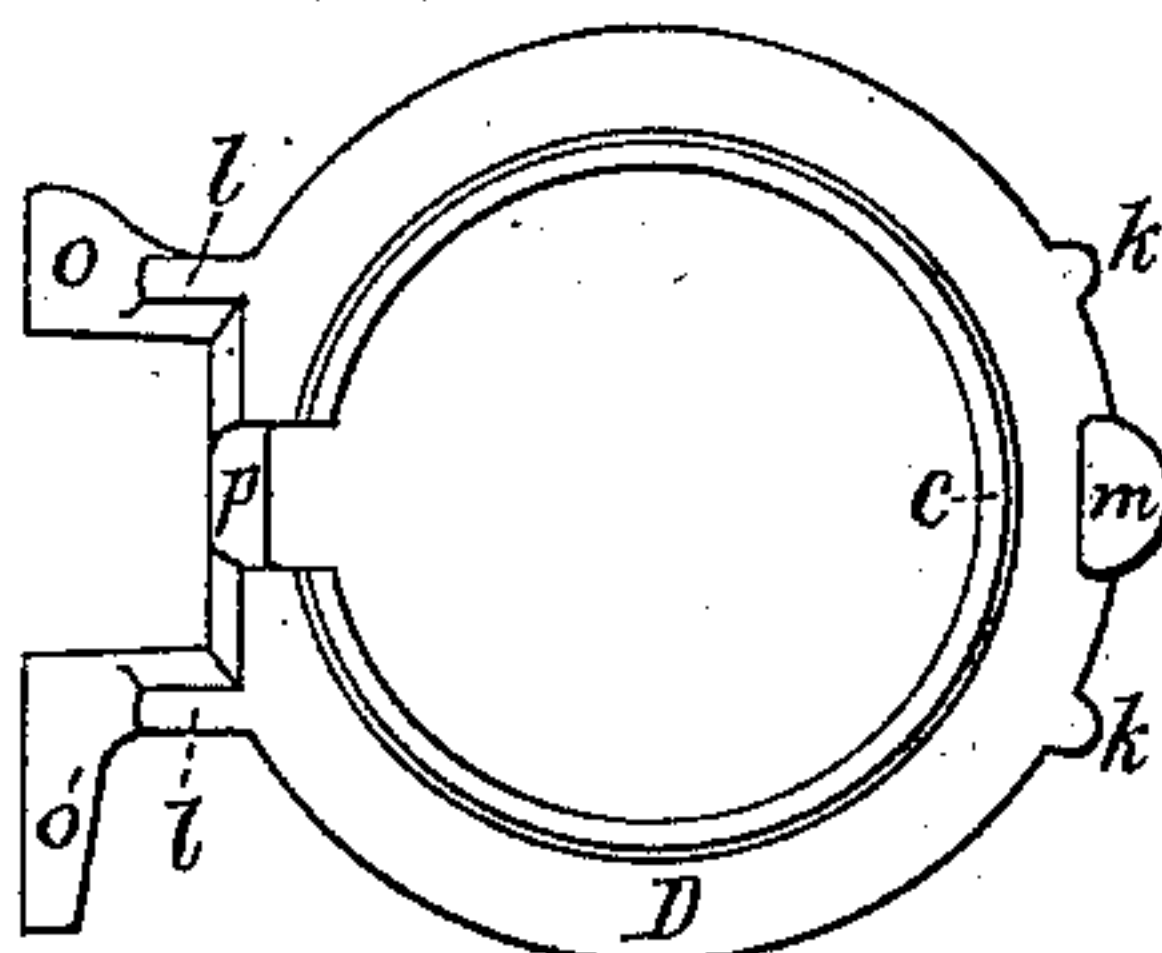


Fig. 5.

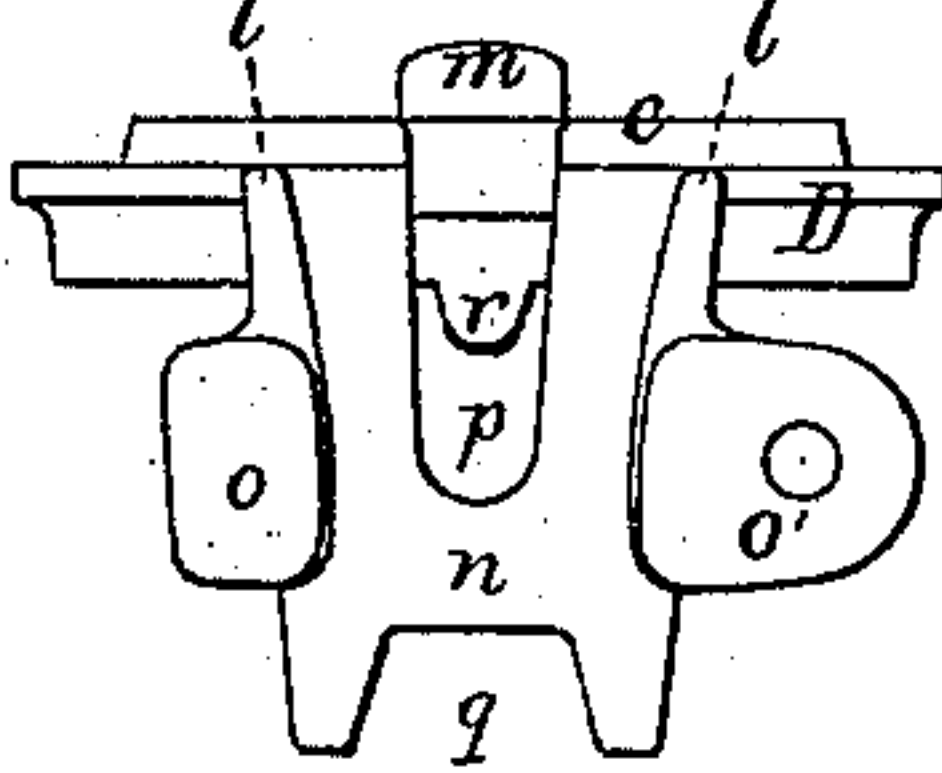


Fig. 6.

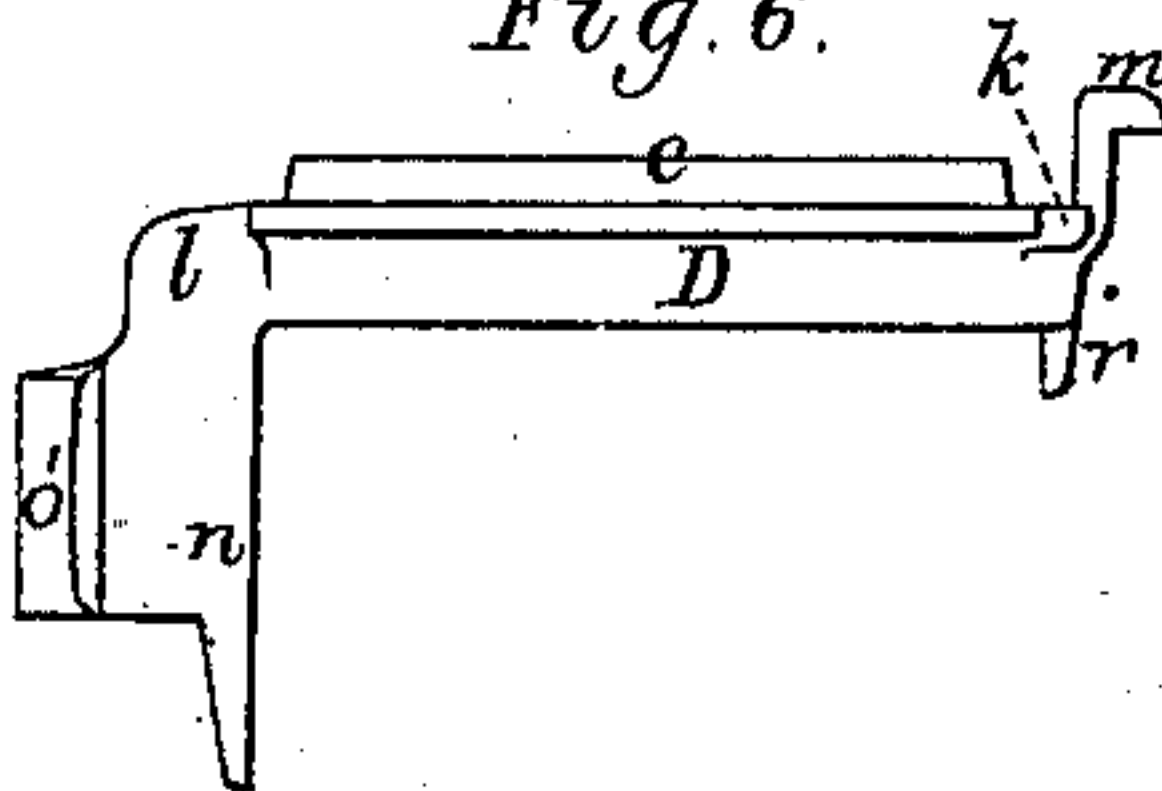
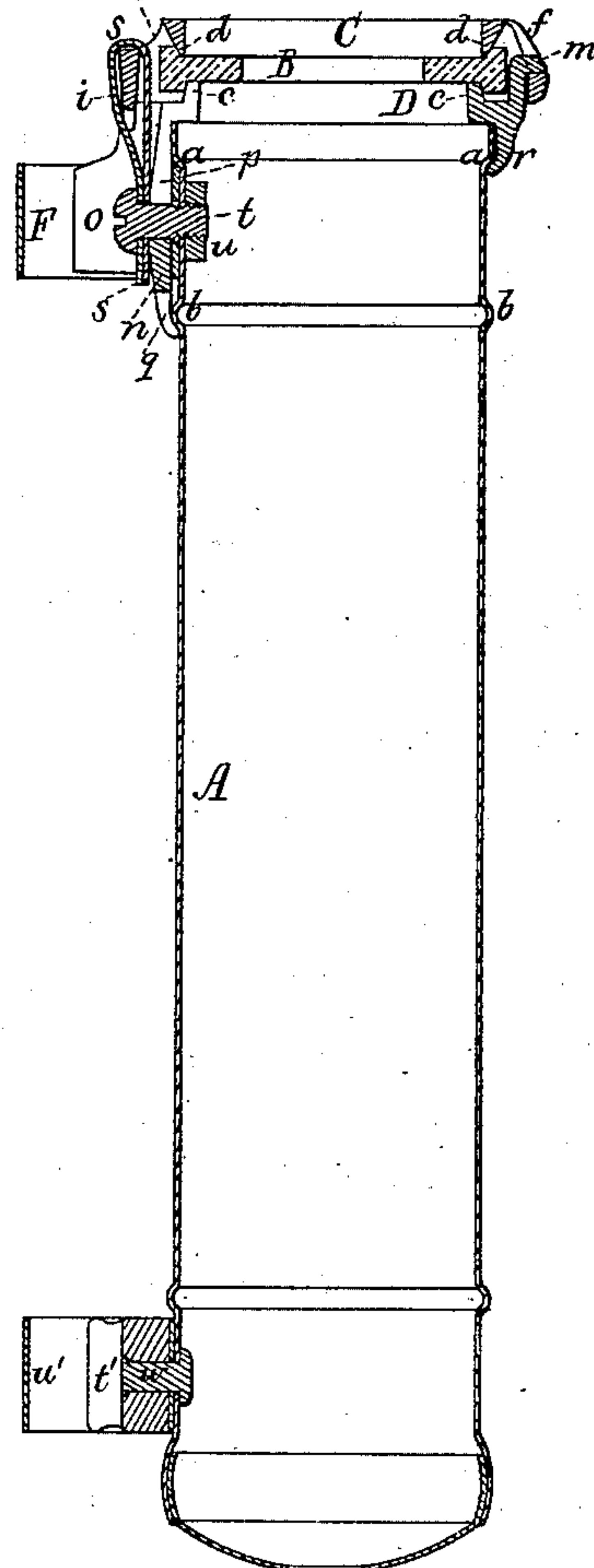


Fig. 3.



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# UNITED STATES PATENT OFFICE.

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## WHIP-SOCKET.

SPECIFICATION forming part of Letters Patent No. 272,907, dated February 27, 1883.

Application filed November 28, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ERASTUS W. SCOTT, of Wauregan, in the county of Windham, of the State of Connecticut, have invented a new and useful Improvement in Whip-Sockets; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side elevation, and Fig. 3 a longitudinal section, of a whip-socket provided with my invention. Fig. 4 is a top view, Fig. 5 a front view, Fig. 6 a side view, of the lower section of its metallic cap. Fig. 7 is a top view, and Figs. 8 and 9 are opposite side views, of the upper section of said cap. Fig. 10 is a horizontal section of the socket at its lower fastening.

The improvement has special reference to the cap which is in two separate parts or sections of an annular form, the nature of the invention being defined in the claims hereinafter presented.

In the drawings the body of the whip-socket is shown at A as flanged or beaded near its upper end, as shown at *a*, and also as beaded a short distance below such, as shown at *b*.

The cap is intended to hold a flat elastic ring, B, of vulcanized india-rubber, which, arranged in it in manner as shown in Figs. 1 and 3, serves to receive and support a whip on such whip being introduced into the socket. This cap is in two sections or main parts, (marked C and D.) The lower section, D, is an annulus formed to encompass the upper part of the body A and rest on the upper bead, *a*, thereof, and, besides, it has extending upward from it a circular flange, *c*, upon which the flat rubber ring B rests, and upon which such ring is borne by a similar flange, *d*, extending down from the upper section or capring, C. This latter section is arched or dome-shaped transversely, as represented, and has within it two slots, *e f*, formed and arranged as represented. Furthermore, it also has two notches, *g g*, arranged in it at its rear, and two, *h h*, at its front, and between the latter two a projection, *i*, all being as shown. The lower section, D, is provided with projections *k k* and *l l*, to enter the notches *g g* and *h h*, and besides, it has a hook, *m*, extending upward

from it to pass into the rear slot of the capring C and hook to such ring. Furthermore, there extends down from the lower section a flat projection, *n*, provided with ears *o o'*, and with notches *p q*, arranged as represented. Below the hook *m* there extends down from the lower section a tapering projection, *r*.

In applying and fastening the lower section to the body A, the upper binding-strap, F, for securing the whip-socket to the dasher of a carriage, is first inserted between the body and the projection *n*, the said lower section being previously put on the top of the body. This having been done, another strap, S, is placed against the projection *n*, between its ears, and extended through the longer slot of the capring C, and afterward bent down in front of the part between such ears. Through the parts of the strap lapping on each other a screw, *t*, goes, and also into the body, and screws into a nut, *u*, arranged therein, as represented. After this the lower parts to the two projections *n* and *r* are to be bent so as to hook under or upon the beads *b* and *a*. The lower section, D, as well as the upper section, C, I usually make of what is termed "malleable cast-iron," or of some other suitable metal or composition sufficiently flexible for the lower part of the two projections *n* and *r* to be bent, so as to hook upon the upper and lower beads, *a* and *b*. Fig. 10 is a horizontal section of the whip-socket at its lower fastening, such fastening being composed of a saddle, *t'*, a binding-strap, *u'*, and a screw, *v*. The strap is inserted between the saddle and the whip-socket body, and, with the saddle, is secured to the body by a rivet, *w*, going through the three, as represented. The projections *k k* and *l l*, with the notches *g g* and *h h*, serve to support the upper section on the lower one.

In securing the whip-socket to a carriage-dasher, such socket is to be placed against the rear side of the dasher, at one vertical edge thereof, so that the saddle *t'* and the ears *o o'* of the projection *n* shall be against the said rear side. The fastening-straps F and *u'* are next to be bent around the said edge and to the front side of the dasher, after which a screw, *x*, is to be inserted through the strap F, and through the leather of the dasher, and

screwed into the ear *o'*. The screw *v* is also to be inserted through the dasher and screwed into the saddle *t'*.

I claim as my invention—

- 5 1. The combination of the upper cap-section, C, provided with the two slots *ef*, and the internal annular flange, *d*, with the lower cap-section, D, provided with the annular flange *c*, the hook *m*, flexile projection *r*, and the flat  
10 projection *n*, having ears *o o'* and notches *p q*, arranged as set forth.

2. The combination of the upper cap-section,

C, provided with the two slots *ef*, the internal annular flange, *d*, and the notches *g g* and *h h*, arranged as set forth, with the lower cap-section, D, provided with the annular flange *c*, the hook *m*, projections *k k*, *l l*, *n*, and *r*, arranged and combined substantially as represented, the flat projection *n* having ears *o o'* and notches *p q*, as set forth.

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