

(No Model.)

F. SVOBODA.  
NECK YOKE ATTACHMENT.

No. 282,471.

Patented July 31, 1883.

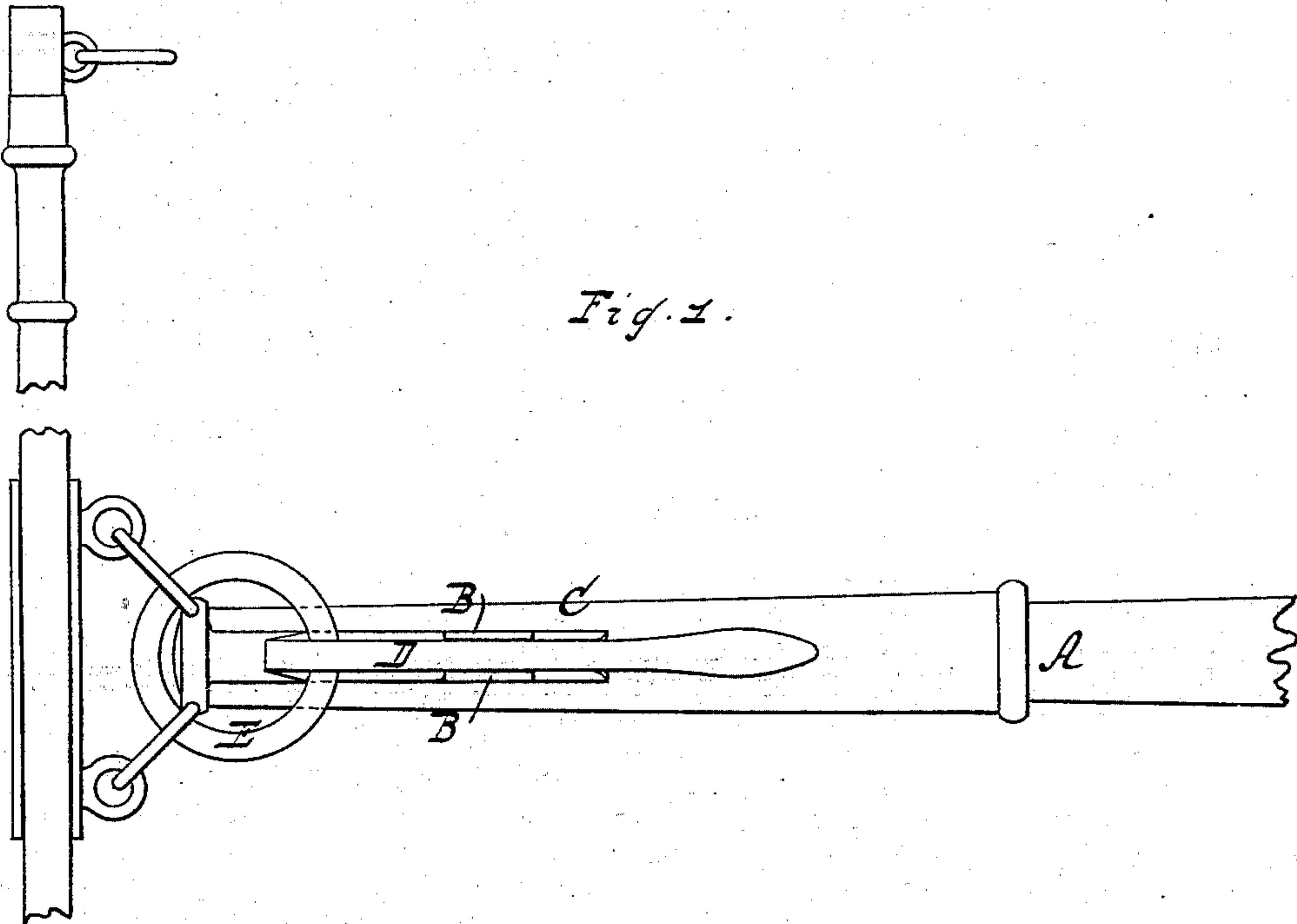


Fig. 1.

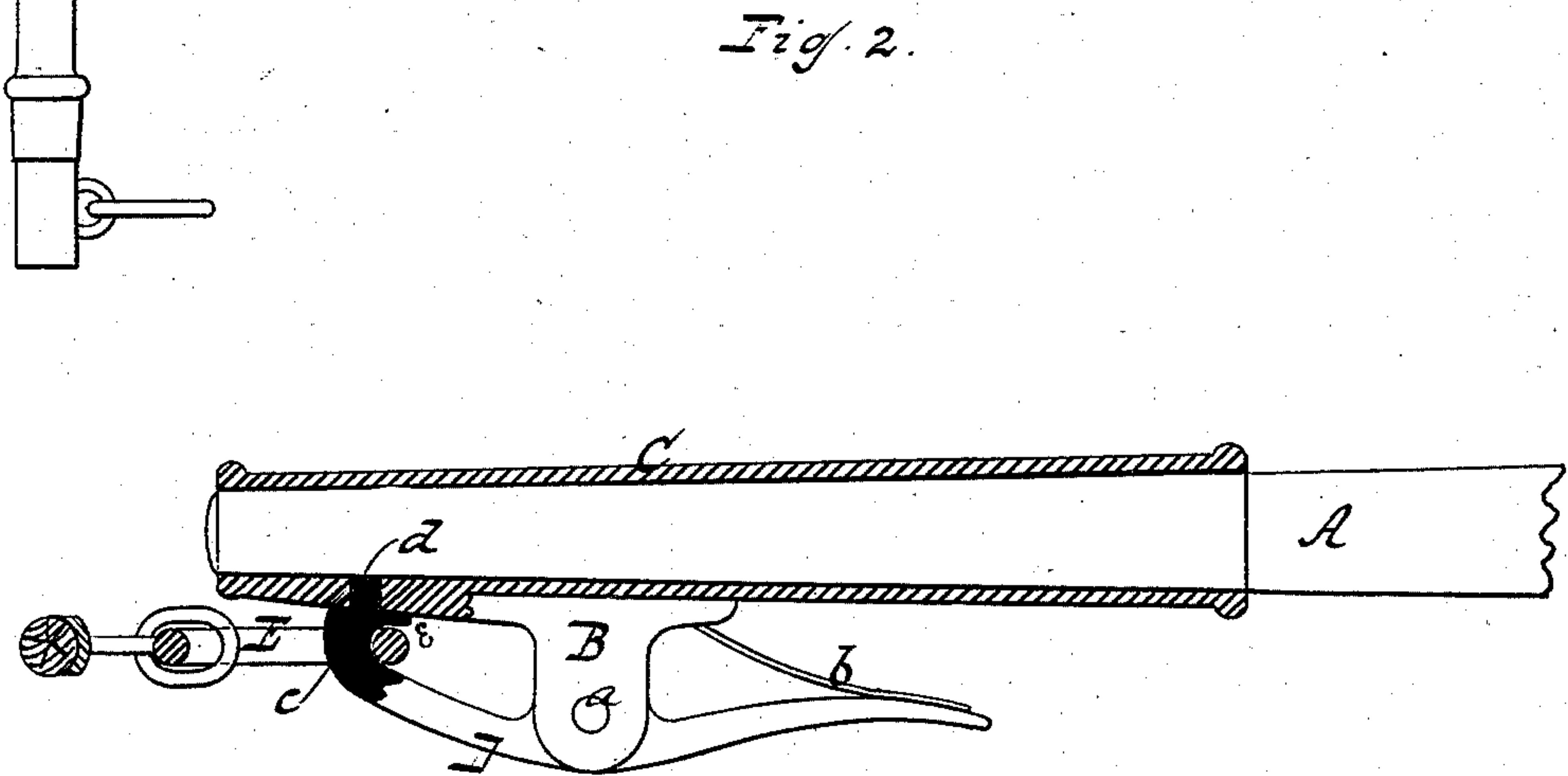


Fig. 2.

WITNESSES:

*William Miller*  
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INVENTOR

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ATTORNEYS



# UNITED STATES PATENT OFFICE.

FRANK SVOBODA, OF KEWAUNEE, WISCONSIN.

## NECK-YOKE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 282,471, dated July 31, 1883.

Application filed April 28, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK SVOBODA, a citizen of the United States, residing at Kewaunee, in the county of Kewaunee, Wisconsin, have invented new and useful Improvements in Neck-Yoke Attachments, of which the following is a specification.

This invention consists in the combination, with a pole-tip, of a bracket, a socket formed in the bracket, and a spring-latch mounted in the bracket, and provided with a nipple constructed to engage with said socket, so that when the tail of the latch is depressed the ring of the neck-yoke can be introduced, and that by the bracket a holdback is formed. The bracket is secured to a ferrule which fits the pole-tip. The front end of the latch forms a hook to retain the ring of the neck-yoke and prevent the same from becoming detached accidentally.

In the drawings, Figure 1 represents an inverted plan. Fig. 2 is a sectional side view.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates the tip of a draft-pole, and B is a bracket, which is firmly secured to the under side of this pole-tip. In the example shown in the drawings this bracket is fastened to or formed in one piece with a ferrule, C, which fits the pole-tip; and I prefer this arrangement, because it forms a firm and durable attachment, and, furthermore, the ferrule serves to strengthen the pole-tip. The bracket B forms a bearing for a pivot, *a*, on which is mounted a latch, D, which is exposed to the action of a spring, *b*, and the front end of this latch is provided with a nipple, *c*, which engages with a socket, *d*, formed in the bracket, the spring *b* having a tendency to retain the nipple in said socket. The front end of the latch forms a hook, *e*. When the tail of the latch is depressed, the ring E of the neck-yoke can be

readily introduced, and when the latch is closed the neck-yoke ring is securely retained therein, and it is prevented by the hook *e* from dropping out accidentally, even if the latch should open from some cause. At the same time the bracket B forms a holdback, so that if the vehicle goes downhill and the straps should get loose on the whiffletrees, the draft-pole is prevented from dropping down, and accidents are avoided.

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a pole-tip, of the bracket B, forming a holdback, and having a socket, *d*, formed in its forward part, and the spring-latch D, mounted in the rear part of the bracket, and provided with a nipple, *c*, constructed to engage with said socket, substantially as described.

2. The combination, with a pole-tip, of the ferrule C, the bracket B, secured to the ferrule, and forming a holdback, the socket *d*, formed in the forward part of the ferrule or bracket, and the spring-latch D, mounted in the rear part of the bracket, and provided at its forward end with a nipple, *c*, to engage with said socket, substantially as described.

3. The combination, with a pole-tip, of the bracket B, forming a holdback, the socket *d*, formed in the forward part of the bracket, the spring-latch D, mounted in the rear part of the bracket, and provided at its forward end with a hook, *e*, and nipple *c*, to engage with said socket, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

FRANK SVOBODA. [L. S.]

Witnesses:

JOSEF ASSEILA,  
F. STEISKAL.