

(No Model.)

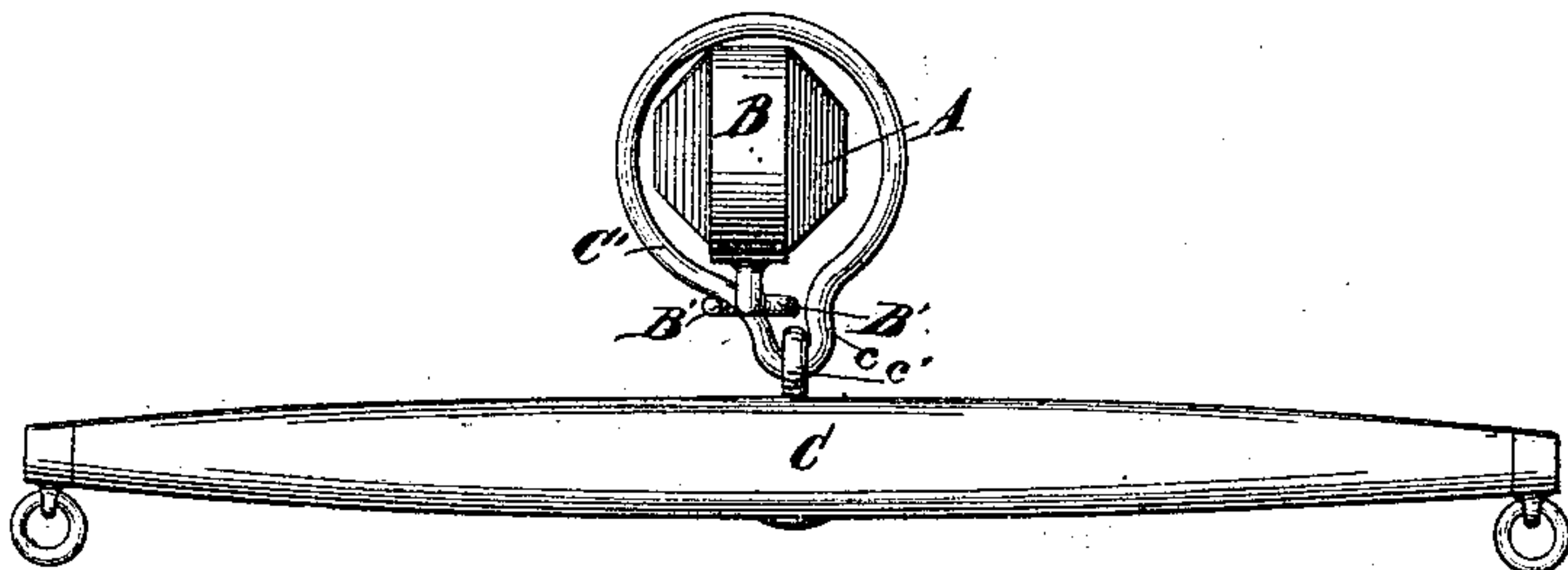
G. L. K. MORROW.

CARRIAGE POLE TIP.

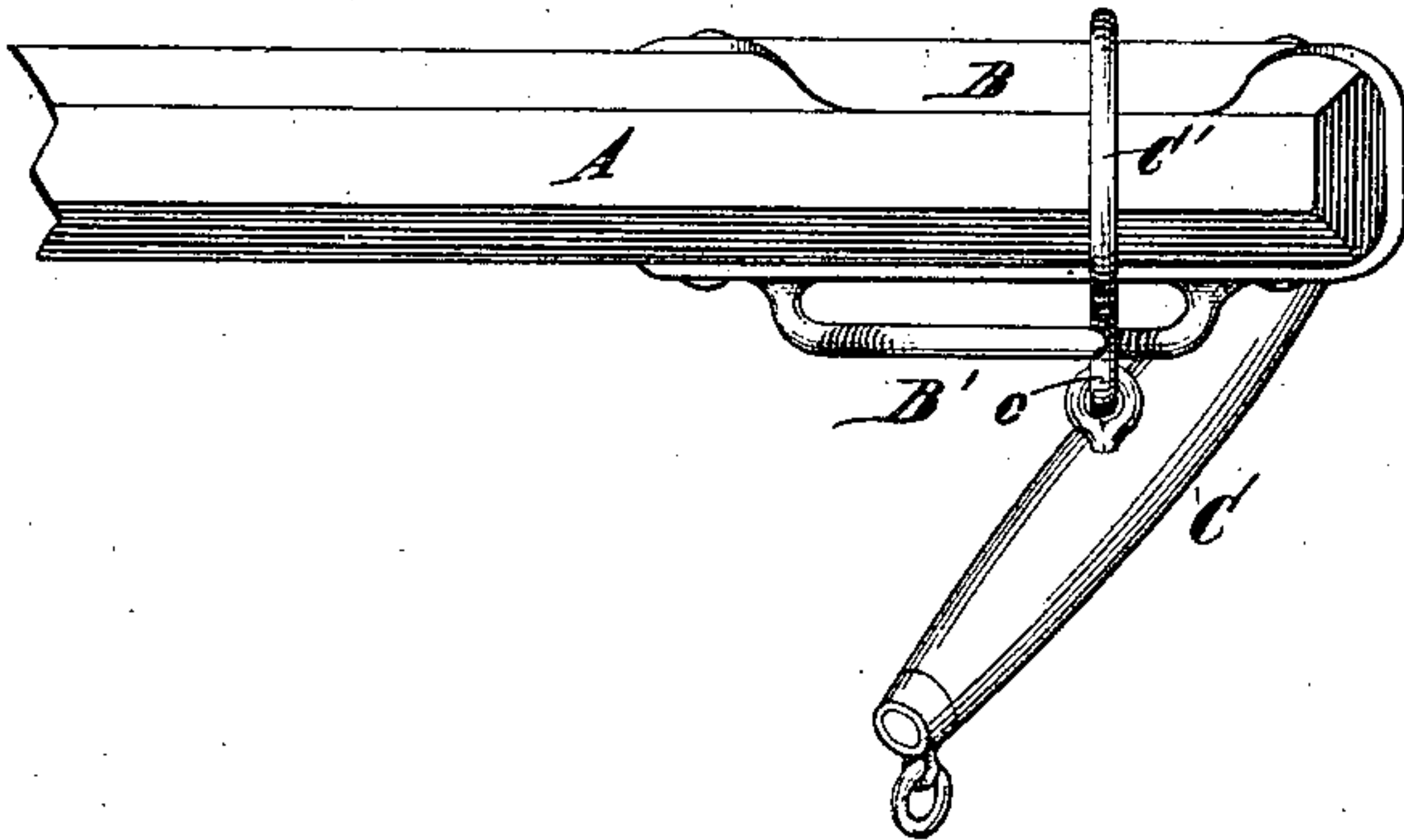
No. 338,608.

Patented Mar. 23, 1886.

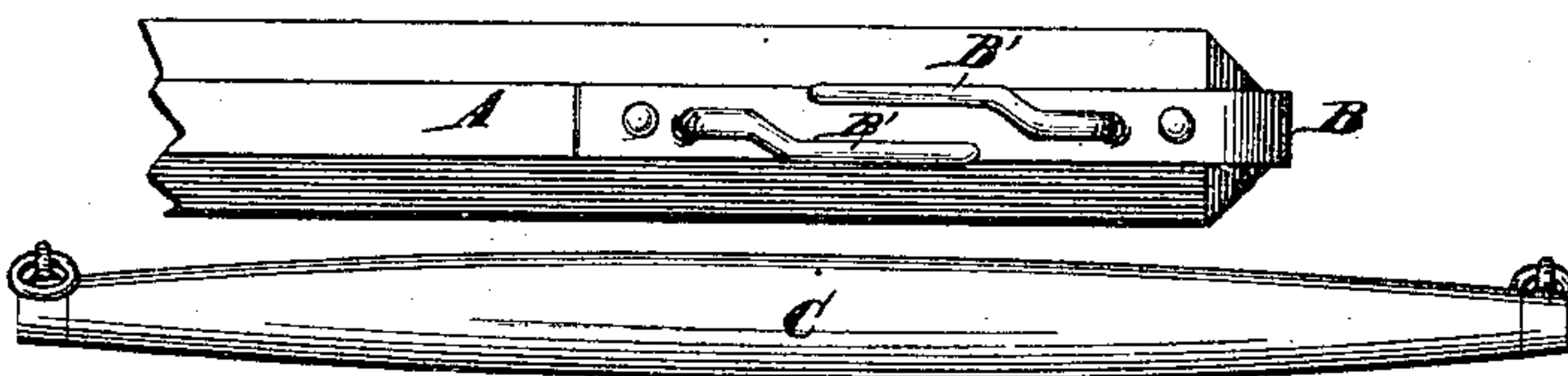
*Fig. 1.*



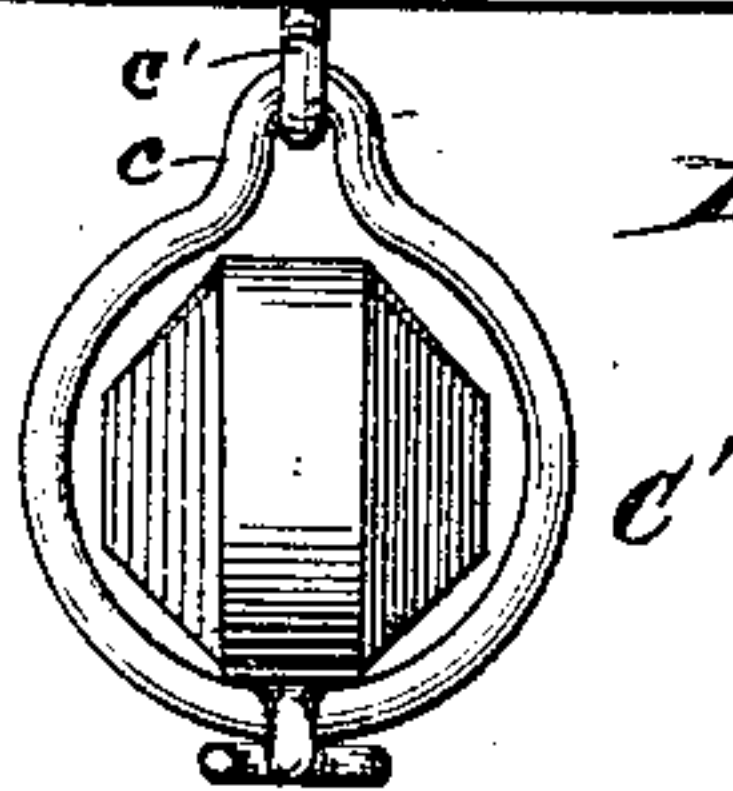
*Fig. 2.*



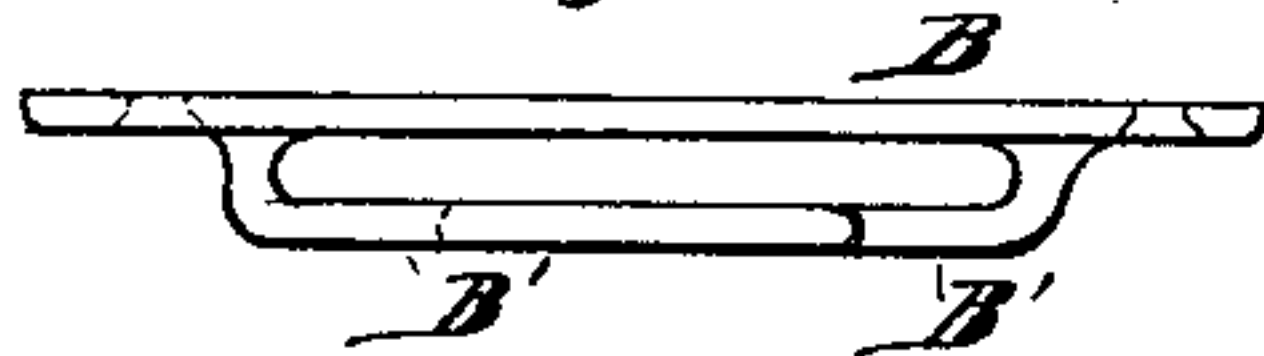
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## CARRIAGE-POLE TIP.

SPECIFICATION forming part of Letters Patent No. 338,608, dated March 23, 1886.

Application filed January 29, 1886. Serial No. 190,208. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE L. K. MORROW, of Detroit, county of Wayne, State of Michigan, have invented a new and useful  
5 Improvement in Safety Pole-Tips; and I 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 pertains to make and use it, reference being  
10 had to the accompanying drawings, which form a part of this specification.

My invention consists of the combinations of devices and appliances hereinafter specified, and more particularly pointed out in the  
15 claims.

In the drawings, Figure 1 is a view in elevation of the end of a wagon-pole embodying my invention, representing the neck-yoke ring partially slipped upon the pole. Fig. 2 is a  
20 side elevation of the same. Fig. 3 is a view against the under side of the pole. Fig. 4 represents the neck-yoke ring in place and the neck-yoke brought around to its position above the pole. Fig. 5 represents a separate attachment for any pole-tip.  
25

The purpose of this invention is to produce a pole-tip constructed to readily admit of the attachment or detachment of the neck-yoke ring, but of such construction that when the  
30 neck-yoke is in position for use above the pole it cannot become detached therefrom.

In carrying out my invention, A represents the pole of any vehicle.

B is the pole-tip. It is provided on its under side with the prongs B', which together constitute an open link, as shown more particularly in Figs. 2 and 3.  
35

C is a neck-yoke, and C' is its ring provided with a contracted portion, c.

The operation of the device is as follows:  
40 When it is desired to attach the neck-yoke to the pole, it is brought into the position shown in Figs. 1 and 2. The contracted portion of the ring is caused to enter between the two prongs B' until it has passed into the loop.  
45 The neck-yoke is then brought around to the

upper side of the pole, and when in this position, as shown in Fig. 4, the lower portion of the ring cannot become disengaged from the loop, so that should any accident occur—as, 50 for instance, the breaking of the traces or the bolt of a whiffletree—the neck-yoke cannot be drawn off over the end of the pole, and there is therefore no danger to be anticipated from the end of the pole dropping to the ground. 55 This ring C' is so connected with the neck-yoke that it can be readily turned through the eyebolt c', so that should the neck-yoke be attached to the team the ring could be shifted through the eyebolt, so as to present its contracted portion downward, and the ring be  
60 then slipped on over the pole and engaged with the open link B', and be then shifted back to its proper position, so that the contracted portion should engage the eyebolt c', as shown in 65 Fig. 4.

Instead of making the open link B' as a part of the pole-tip, the said portion constituting the open link may, if desired, be made as a separate attachment, which can be applied to  
70 any ordinary pole without changing its tip. Such a separate attachment is shown in Fig. 5.

What I claim is—

1. A safety pole-tip consisting of an open link beneath the pole formed by two prongs, 75 B', and adapted to be used in connection with a neck-yoke ring having a contracted portion, c, substantially as and for the purpose described.

2. A safety attachment for a pole-tip, consisting of an open link formed of two prongs, 80 B', connected to a plate and adapted to be secured to the under side of any ordinary pole, and designed to be used in connection with a neck-yoke provided with a ring having a contracted portion, c, substantially as described. 85

In testimony whereof I sign this specification in the presence of two witnesses.

GEORGE L. K. MORROW.

Witnesses:

M. B. O'DOHERTY,  
N. S. WRIGHT.