

No. 653,426.

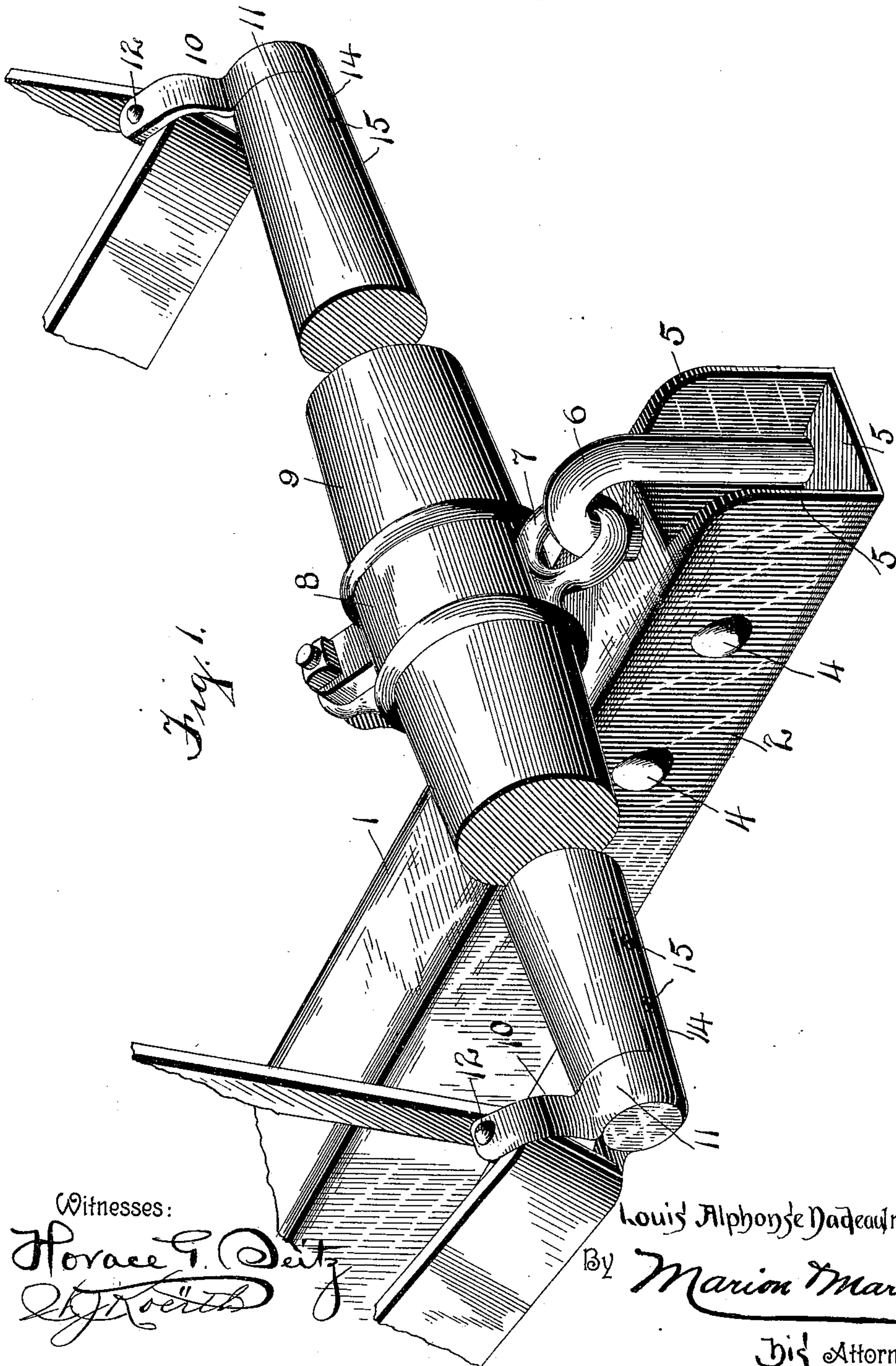
Patented July 10, 1900.

L. A. NADEAU.  
WAGON POLE TIP.

(Application filed Oct. 31, 1899.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:

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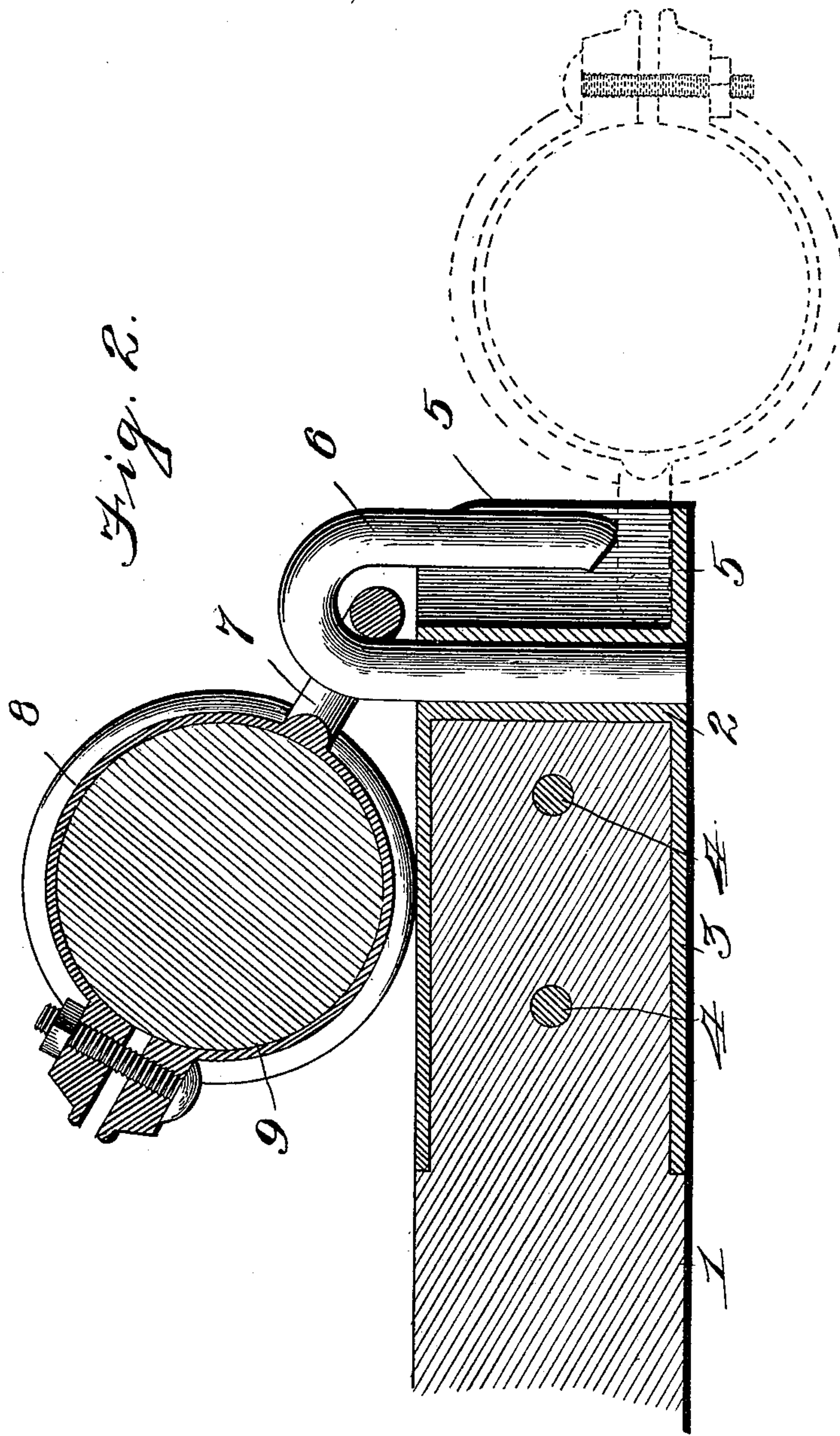
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**2 Sheets—Sheet 2.**



Witnesses:

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# UNITED STATES PATENT OFFICE.

LOUIS A. NADEAU, OF ST. ATHANASE, CANADA.

## WAGON-POLE TIP.

SPECIFICATION forming part of Letters Patent No. 653,426, dated July 10, 1900.

Application filed October 31, 1899. Serial No. 735,443. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS ALPHONSE NADEAU, a subject of Her Majesty the Queen of Great Britain, residing at St. Athanase d'Iberville, county of Iberville, Province of Quebec, Canada, have invented certain new and useful Improvements in Pole-Tips; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in pole-tips.

The object of my invention is to provide a construction of this character which is neat and attractive in appearance, durable in construction, simple and efficient in operation, and which can be manufactured at a low cost.

To these and other ends my invention consists in the improved construction and combination of parts hereinafter fully described, and particularly pointed out in the appended claim.

In the drawings, in which similar numerals of reference indicate similar parts in all of the views, Figure 1 is a perspective view of my improved pole-tip, showing a neck-yoke attached thereto, parts being broken away to allow of the viewing on a larger scale. Fig. 2 is a vertical sectional view showing the neck-yoke in cross-section and the pole-tip in longitudinal section.

1 designates the pole or wagon-tongue, having its front end provided with the pole-tip 2 and having its rear portion recessed, as at 3, to receive the front end of the pole or tongue, the tip being held in position by means of bolts 4.

The tip 2 is provided with forwardly-extending flanges 5, formed at the sides and bottom of the tip, thereby providing a recess having its front and top open. Secured within the body of the tip is a U-shaped portion 6, having its free end located within the recess inclosed by the flanges 5, said portion extending downward within said recess to a point in juxtaposition to the bottom of the recess, a sufficient space being left between the end of the portion 6 and the bottom to allow of the insertion of the ring 7, formed on the band or clip 8, secured centrally of the neck-yoke 9. By this construction it will be readily seen

that when it is desired to insert the neck-yoke the ring 7 is passed between the end of the portion 6 and the bottom flange 5, as shown in dotted lines in Fig. 2, after which the neck-yoke is raised and carried to the position shown in Fig. 1 and in full lines in Fig. 2. When it is desired to release the neck-yoke, it is carried downward to the position shown in dotted lines, from where it can be readily removed. It is obvious that by this construction the neck-yoke is free to have a slight pivotal movement on the U-shaped portion 6, yet will be securely held against any liability of becoming unfastened by the animals connected to the neck-yoke.

The advantage of placing the end of the U-shaped portion within the partially-inclosed recess lies in the fact that it renders the accidental removal of the yoke extremely difficult, in addition to which there is no liability of any of the harness—such as the lines, &c.—catching under the hook and thus causing the driver to temporarily lose control of the draft animals.

The neck-yoke 9 may be of any desired construction, but as shown it has its ends provided with breast-strap attachments 10, formed substantially as shown in the drawings, consisting of the encircling portion 11, adapted to fit the end of the neck-yoke, the free ends of said portion extending rearwardly, as shown. A bolt 12 is passed through said free ends. As shown in the drawings, the outer edge of the attachment 10 is rounded, by means of which the lines, &c., will readily pass from the neck-yoke. To firmly secure the attachment in position, the encircling portion 11 is provided with a laterally-extending portion 14, countersunk into the neck-yoke and secured therein by suitable means, such as screws 15. The advantages of this construction are many; but as they are obvious or have been heretofore explained it is believed to be unnecessary to set them forth in detail.

While I have herein shown a preferred form of carrying my invention into effect, yet I do not desire to limit myself to such preferred details of construction, but claim the right to use any and all modifications thereof which will serve to carry into effect the objects to be attained by this invention in so far as such modifications and changes may

fall within the spirit and scope of my said invention.

Having thus described my invention, what I claim as new is—

- 5 A pole-tip, comprising at its rear end flanges adapted to embrace the end of the pole, bolts for securing said tip to the pole, said tip having at its front end a partially-inclosed recess, a hook rigidly secured to said

tip and having its free end extending into said recess, whereby a neck-yoke, having an attaching-ring may be removably secured on said hook portion, substantially as described.

Signed at St. Athanase d'Iberville, Canada.

L. A. NADEAU.

Witnesses:

J. M. BELANGER,  
JOSEPH BERGERON.