

(Model.)

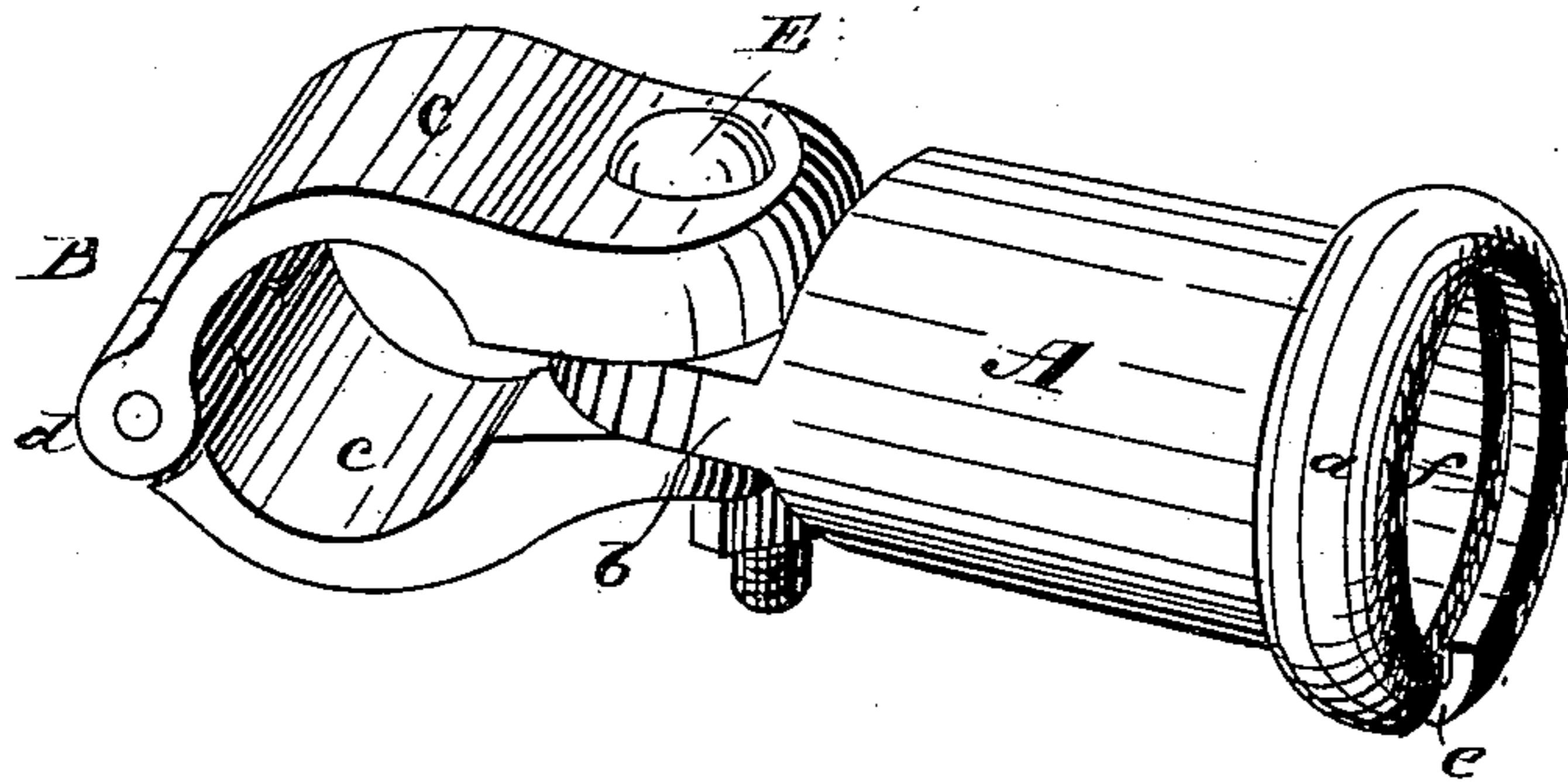
F. W. SIBERT & S. P. HURD.

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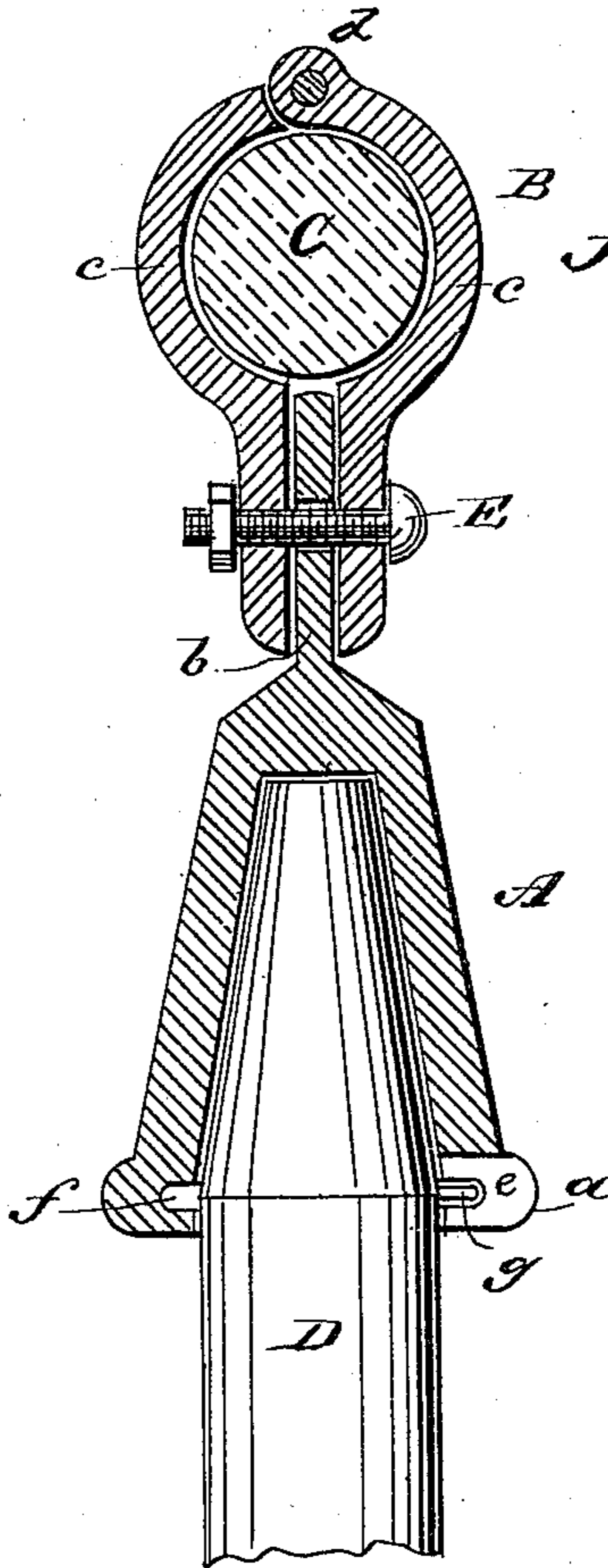
No. 267,606.

Patented Nov. 14, 1882.

*fig. 1.*



*fig. 2.*



WITNESSES:

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BY

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# UNITED STATES PATENT OFFICE.

FRANCIS W. SIBERT AND STEPHEN P. HURD, OF SAN ANTONIO, TEXAS.

## COMBINED POLE-TIP AND NECK-YOKE CLAMP.

SPECIFICATION forming part of Letters Patent No. 267,606, dated November 14, 1882.

Application filed August 14, 1882. (Model.)

*To all whom it may concern:*

Be it known that we, FRANCIS W. SIBERT and STEPHEN P. HURD, of San Antonio, in the county of Bexar and State of Texas, have  
5 invented a new and Improved Combined Wagon-Pole Tip and Neck-Yoke Clamp, of which the following is a full, clear, and exact description.

The object of our invention is to provide a  
10 combined wagon-pole tip or socket and neck-yoke clamp of novel construction, which can be easily attached to and detached from the pole or neck-yoke, and which, when in use, will be self-adjusting to the movements of the neck-  
15 yoke due to the motion of the team.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

20 Figure 1 is a perspective view of our invention, and Fig. 2 is a transverse longitudinal sectional elevation of the same, showing the neck-yoke in place and the end of the pole having the stud or pin for holding the tip or  
25 socket.

A represents the wagon-pole tip or socket; B, the neck-yoke clamp; C, the neck-yoke, and D the end of the wagon-pole.

30 The tip or socket A may be of any suitable size, and is cast with the internally-grooved enlargement or bead *a* at its open end and with the perforated tongue *b* at its forward or closed end.

The clamp B is composed of the semicircular plates *c c*, which are hinged together, as shown at *d*, provided with oppositely-perforated flanges to receive a cross-bolt, and are adapted to be clasped around the neck-yoke C in the center and to be secured to the tongue  
35 *b* of the tip or socket A by the bolt E. The bead *a* of the tip or socket A is notched or slotted, as shown at *e*, through to the internal groove, *f*, of the bead *a*, and the tip is thus adapted to be attached to the wagon-pole D by  
40 means of the strong plug or pin *g*, driven into the pole, as shown in Fig. 2. The pin or stud *g* is driven into the pole upon the upper side thereof, and the slot *e* is formed on the under

side of the socket A, so that the socket, when shoved upon the end of the pole, has to be  
50 turned axially to form the lock. In this manner the lock is made perfectly safe, avoiding all danger of the tip becoming accidentally detached when in use. This order of the pin and slot may be reversed, if desired. The pin  
55 is of such size relative to the size of the groove *f* that the socket is free to rotate upon the pole, so that it will not interfere with the free up-and-down movement of the ends of the neck-yoke, due to the uneven movement of the  
60 horses. The yoke is also self-adjusting horizontally by means of the pivoted action which the clamp-plates *c c* have upon the bolt E. Thus constructed, it will be seen that the neck-yoke is universal upon the pole, that it can be  
65 easily attached to and detached from the pole, and that the ordinary ring or leather usually attached to the center of the neck-yoke for supporting the pole is dispensed with. Besides, the device is cheap, durable, and orna-  
70 mental.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The tip or socket A, formed with the  
75 tongue *b*, in combination with the hinged plates *c c*, pivoted to the tongue *b* by the bolt E, substantially as and for the purposes set forth.

2. The tip or socket A, formed with the groove *f* and slot *e*, in combination with the  
80 pole D, provided with the pin or stud *g*, substantially as and for the purposes set forth.

3. The tip A, formed with the groove *f* and slot *e* and perforated tongue *b*, in combination with the hinged semi-cylindrical plates *c c*,  
85 bolted to the tongue *b*, substantially as described.

FRANCIS WILLIAM SIBERT.  
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