G. F. BRINKERHOFF.

WHIP-SOCKET.

No. 188,336. Patented March 13, 1877.

Fig. 1.

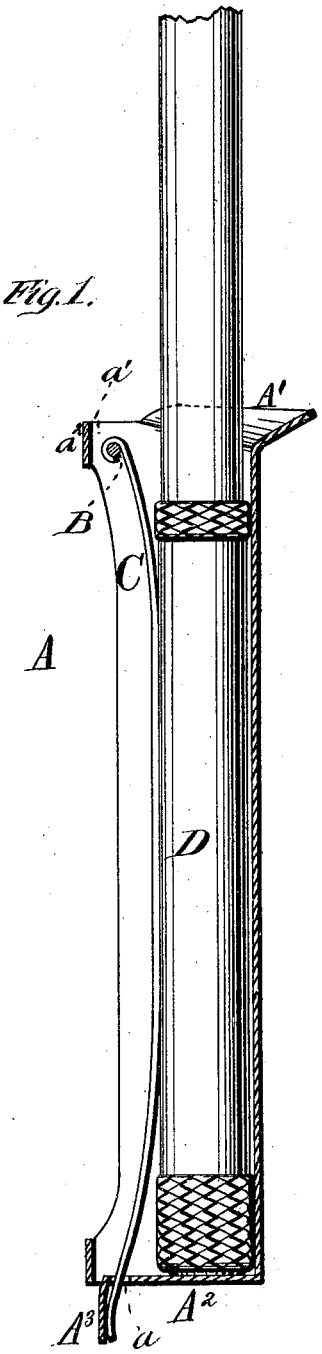
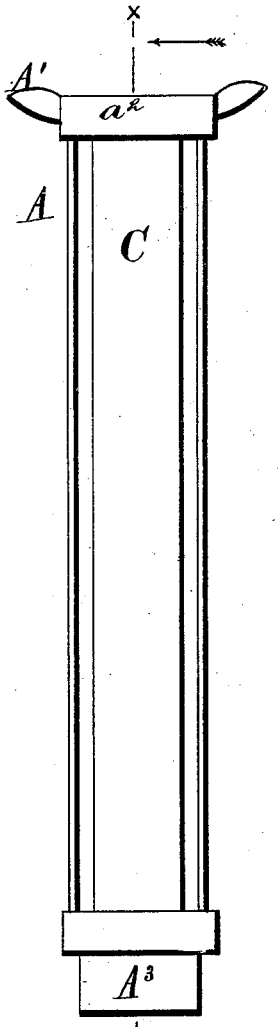


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE F. BRINKERHOFF, OF BUCYRUS, OHIO.

IMPROVEMENT IN WHIP-SOCKETS.

Specification forming part of Letters Patent No. **188,336**, dated March 13, 1877; application filed December 23, 1876.

To all whom it may concern:

Be it known that I, GEORGE F. BRINKERHOFF, of Bucyrus, in the county of Crawford and State of Ohio, have invented a new and valuable Improvement in Whip-Sockets; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a central vertical section of my whip-socket, and Fig. 2 is a rear elevation of the same.

This invention relates to whip-sockets; and the nature of said invention consists, mainly, in the peculiar construction and arrangement of the clamping-spring hereinafter described, and of the socket-base through which one end of said spring works.

In the annexed drawings, A designates a whip-socket, which is U-shaped in cross-section, having its rear open, as indicated in Fig. 1. Said socket is provided with a flaring mouth, A^1, and with a bottom, A^2, which is slotted at the rear at *a*. A^3 designates an apron or fixed bearing-plate, which extends downward from said bottom below and behind said slot *a*. The top or mouth of said socket is provided with two rearwardly-extending lips or lugs, a^1, one of which is shown in Fig. 1. These lugs a^1 are connected by a bridge or brace, a^2. (Shown in section in the same figure.)

B designates a cross-bar, connecting and supported by said lugs a^1. To this cross-bar is attached the upper end of a clamping-spring, C, which operates to hold in place a whip-butt, D. The lower end of said spring C works through slot *a* in bottom A^2, and bears against the outer side of fixed apron or plate A^3. This construction prevents the said spring from being injured by the introduction of the butt of the whip, but secures sufficient clamping action to avoid the casual displacement thereof.

The said socket may be cast in one piece, or formed out of a blank of sheet metal; or its several parts may be made separately and soldered or otherwise attached. Apron A^3 may be constructed with it or separately. Spring C may be considerably varied in form or duplicated, one of said springs being on each side of said whip-butt. Various other changes may be made without departing from the spirit of my invention.

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

1. Whip-socket A, having bottom A^2, perforated at *a*, in combination with spring C, cross-bar B, and apron or bearing-plate A^3, substantially as set forth.

2. A whip-socket provided with a slot in its bottom, in combination with an inwardly-curved clamping-spring, the free end of which works through said slot, substantially as set forth.

3. A whip-socket provided with a downwardly-extending apron or bearing-plate, A^3, constructed and arranged as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

G. F. BRINKERHOFF.

Witnesses:
FRANK ADAMS,
J. A. GORMLY.