

(No Model.)

E. M. WINSLOW.
Thill Coupling.

No. 238,193.

Patented Feb. 22, 1881.

Fig. 1.

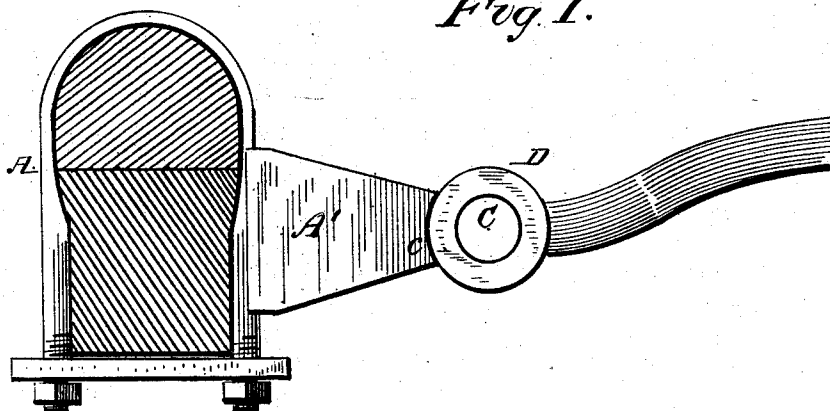


Fig. 2.

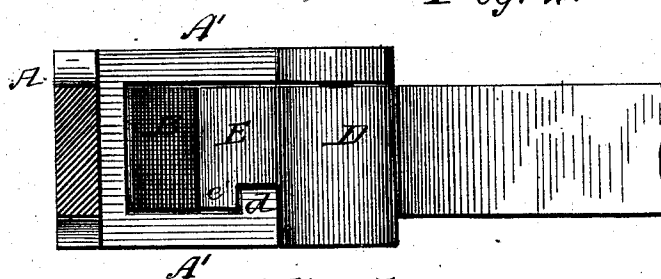
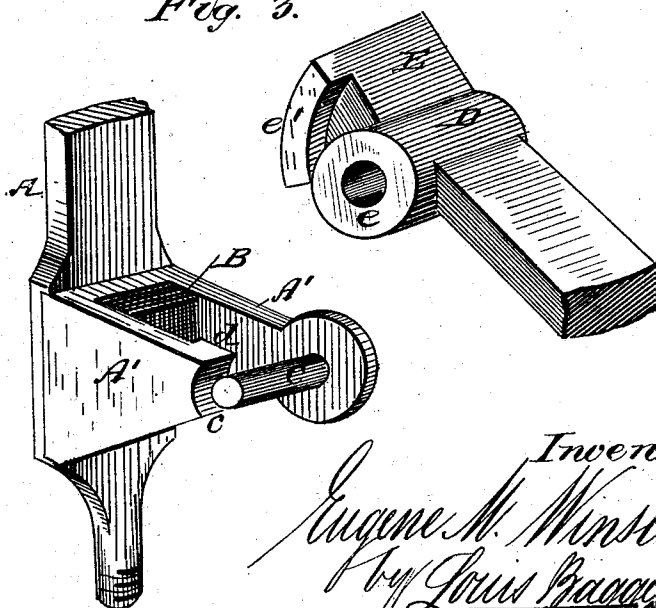


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

EUGENE M. WINSLOW, OF WEYBRIDGE, VERMONT.

THILL-COUPLING.

SPECIFICATION forming part of Letters Patent No. 238,193, dated February 22, 1881.

Application filed August 31, 1880. (No model.)

To all whom it may concern:

Be it known that I, EUGENE M. WINSLOW, of Weybridge, in the county of Addison and State of Vermont, have invented certain new and useful Improvements in Thill-Couplings; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side view of my improved thill-coupling. Fig. 2 is a plan view of the same; and Fig. 3 is a view showing the respective parts of my coupling in detail and detached from one another.

This invention contemplates improvements in thill-couplings, the object being to deaden or obviate the rattling noise of the parts at their points of contact and to provide for holding the thills elevated when the animal is unhitched; and it consists in the improved construction and combination of parts, as hereinafter set forth, and particularly pointed out in the claim.

In the accompanying drawings, A marks the clip, which is suitably bolted or connected to the axle; and made with two parallel wedge-shaped wings, A' A'. At the rear end of the clip, between its wings A' A', is an elastic cushion, B, one of the wings A' having a right-angle inwardly-projecting pintle or pin, C, while its shortened opposite side, with a space, c, between its outer end and the pin C, is provided with an inwardly-projecting right-angled shoulder, d, as shown in Fig. 2.

D is the thill, provided with a sleeve, e, at its rear end, to permit its being inserted upon the pin C of the clip. Upon the rear side of the sleeve e is a projection or extension, E, having a lateral shoulder, e', and a convex or segmental rear edge fitting against the elastic cushion B of the clip to obviate the rattling of the parts in contact, while by the convexity of the extension, as the thill is elevated out of the way when the horse is unhitched or taken out of the thills, it will impinge against the rubber or elastic cushion, and thus effect the holding of the thills in the position to which they have been elevated.

The parts of the coupling are readily put together and taken apart, which will be readily understood by reference to the respective figures.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination of the clip A, made with parallel wedge-shaped wings A', having pintle C, inwardly-projecting shoulder d, and recessed at c, elastic cushion B, inserted at the base of and between the wings A' A', and thill-iron D, provided with the sleeve e and sector-shaped projection E, having shoulder e', substantially as and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

EUGENE M. WINSLOW.

Witnesses:

MARTHER M. BAKER,
JOHN A. HARRINGTON.