(No Model.)

W. MOULD.

THILL COUPLING.

No. 264,555. Patented Sept. 19, 1882.

Fig: 1.

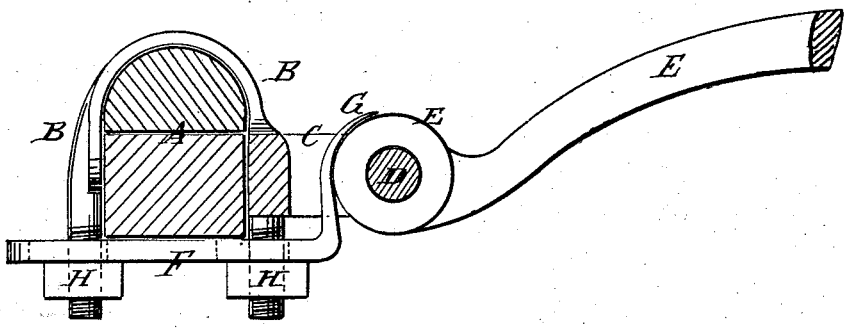


Fig: 2.

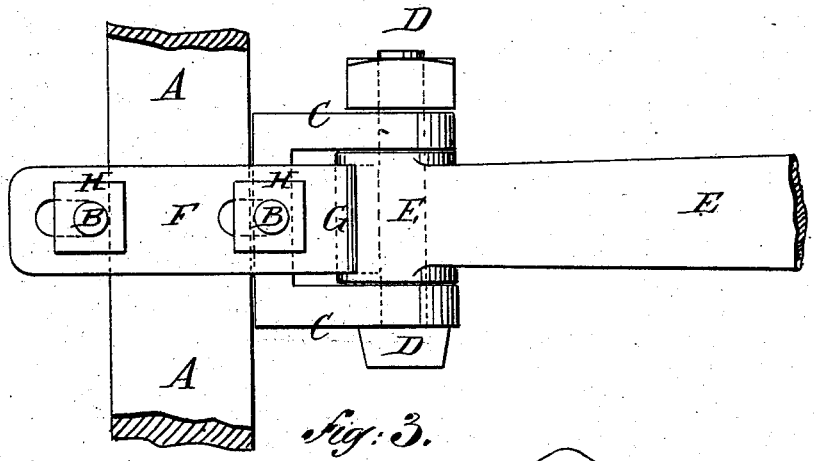
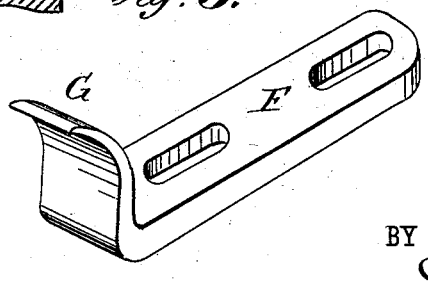


Fig: 3.



WITNESSES:

Chas. Nida

C. Bedgwick

INVENTOR:

W. Mould

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM MOULD, OF SAUGERTIES, NEW YORK.

THILL-COUPLING.

SPECIFICATION forming part of Letters Patent No. 264,555, dated September 19, 1882.

Application filed July 26, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MOULD, of Saugerties, in the county of Ulster and State of New York, have invented a new and useful Improvement in Anti-Rattling Thill-Couplings, of which the following is a full, clear, and exact description.

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

Figure 1 is a side elevation of my improvement, partly in section. Fig. 2 is a bottom view of the same. Fig. 3 is a perspective view of the bar and spring.

The object of this invention is to prevent the rattling of ordinary thill-couplings.

A is an axle, and B is the bow of an ordinary axle-clip. Upon the forward arm of the bow B are formed two lugs, C, to and between which is hinged, by a bolt, D, the thill iron E, in the ordinary manner.

F is a bar, upon the forward end of which is formed a spring, G, which extends upward, and is curved forward to fit upon the inner side of the eye of the thill-iron E. The bar F is slotted to receive the ends of the arms of the clip-bow B, where it is secured in place by the nuts H, screwed upon the said arms. With this construction, should the coupling wear so as to become loose and rattle, by slightly loosening the nuts H and striking the rear end of the bar F with a hammer, the said bar F will be forced forward so as to press the spring G firmly against the eye of the thill-iron E, taking up the wear and holding the said thill-iron so firmly that it cannot rattle. The bar F is then secured in place by tightening the nuts H. With this construction the bar F will serve as a yoke to the bow B of the axle-clip; or a separate yoke can be used having holes to receive and fit upon the ends of the arms of the bow B to hold the said arms from spreading when the nuts H are loosened.

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

The clip-bar F, provided with two oblong slots to receive both clip-arms, having one end bent at right angles to bear against the thill-iron and the other end extended beyond the clip to receive the blow of a hammer, as shown and described.

WILLIAM MOULD.

Witnesses:
GEO. W. ELTING,
LUTHER LAFLIN.