

E. P. JANDELL.
Thill-Couplings.

No. 154,142.

Patented Aug. 18, 1874.

Fig. 1.

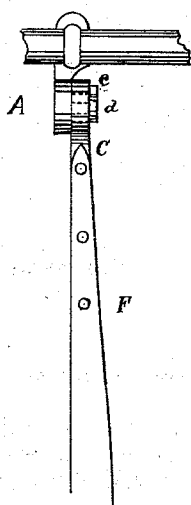


Fig. 2.

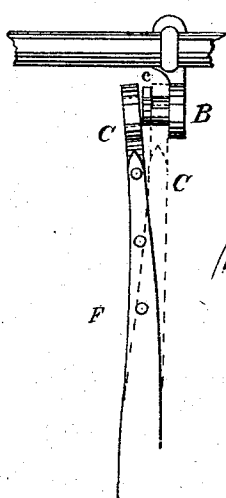
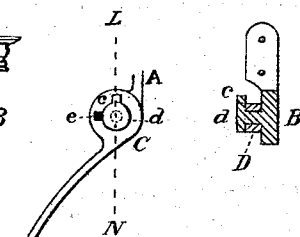


Fig. 3.



Witnesses

F. E. Wood
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Inventor

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EDGAR P. JANDELL, OF CALHOUN COUNTY, MICHIGAN.

IMPROVEMENT IN THILL-COUPPLINGS.

Specification forming part of Letters Patent No. **154,142**, dated August 18, 1874; application filed June 12, 1874.

To all whom it may concern:

Be it known that I, EDGAR P. JANDELL, of Calhoun county, Michigan, have invented a Thill-Coupling.

The following is a description of my newly-invented thill-coupling, reference being had to the accompanying drawing:

A and B, Figure 1, represent the right and left axle-irons, attached to the axle in the usual manner. C C are the thill-irons. c c are lugs at the end of the flanged stud d on the axle-iron. (Shown more clearly in Fig. 2, and in section, through L N, in Fig. 3.) e, Fig. 2, is a recess cut in the eye of the thill-iron to admit the passage of the lug c when the thill is raised to bring the recess e in coincidence with the lug c. D is a cylinder of elastic material, confined upon the stud d by the flange, filling the eye of the thill-iron. The object of placing the lug c on the rear of the stud is to gain

greater security against uncoupling in case of unusual strain.

The operation of the device is as follows: Raise the thill till the recess e coincides with the lug c, Fig. 2; then the thill-iron is easily sprung off.

The dotted lines C', Fig. 1, show the thill-iron in position, and C shows the same sprung off, the whole affording greater cheapness, facility, and security than other devices in use.

I claim as my invention—

The combination of the lug c and flanged stud d of the axle-iron B with the recessed eye of the thill-iron C, substantially as and for the purpose set forth.

EDGAR P. JANDELL.

Witnesses:

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