(No Model.)

J. M. McNEES.

WAGON BOLSTER.

No. 343,837. Patented June 15, 1886.

Fig. 1.

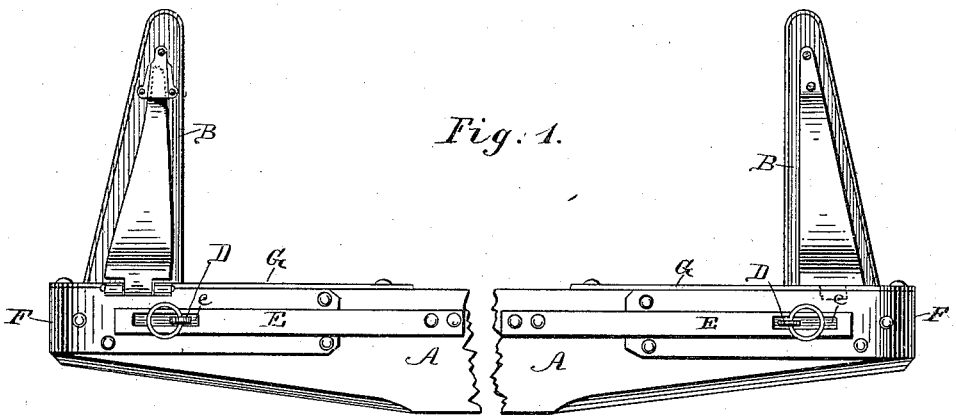


Fig. 2.

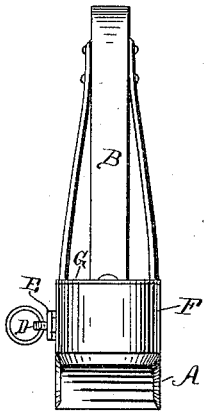


Fig. 3.

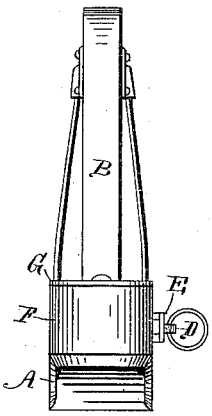


Fig. 4.

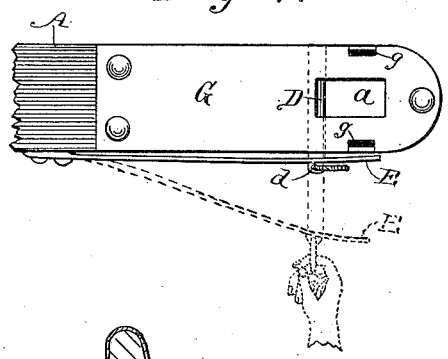


Fig. 5.

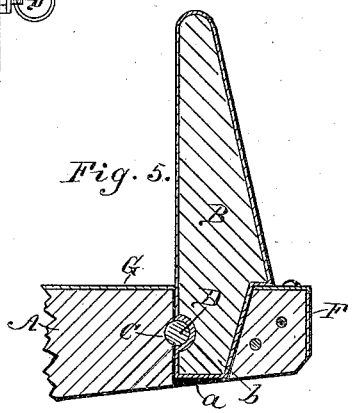
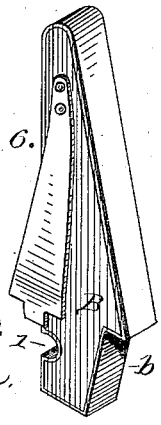


Fig. 6.



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WAGON-BOLSTER.

SPECIFICATION forming part of Letters Patent No. 343,837, dated June 15, 1886.

Application filed March 31, 1886. Serial No. 197,350. (No model.)

To all whom it may concern:

Be it known that I, JOHN MUNSON McNEES, of West Liberty, in the county of Butler and State of Pennsylvania, have invented a new and useful Improvement in Bolsters, of which the following is a specification.

In the drawings, Figure 1 is a side view of my improvement, the bolster being broken away at the center. Figs. 2 and 3 are views of the opposite ends of the bolster and standard. Fig. 4 is a top plan view of one end of the bolster, with the latch shown released in dotted lines and the standard removed. Fig. 5 is a detail sectional view showing the standard with its tenon secured in the socket of the bolster by the bolt, and Fig. 6 is a detail view of the standard.

This invention is an improved bolster, intended especially for use on bob-sleds employed in the lumber regions, but which may be used on other sleds and on wagons, trucks, &c., as desired.

The invention consists in certain features of construction and combinations of parts, as will be hereinafter described.

The bolster A is provided near its opposite ends with sockets *a*, fitted to receive the tenons *b* on the lower ends of the stakes B, and which sockets open out of the top of the bolster, as shown. I also provide the bolster with transverse openings C, intersecting the sockets *a*, and serving as passages or ways for the bolts D. The standard-tenon *b* is formed with an edge notch or opening which is entered by the bolt D when the parts are in fastened position, and the standard is securely locked by said bolt. It is preferred to actuate this bolt D by a spring. In the construction shown spring-bars E are secured at one end to the bolster and engage at their other ends with the bolts D, which they normally hold in fastened position. It is preferred to engage the spring and bolt by fitting the reduced outer end of the bolt through a slot, *e*, in the spring, the said slot being elongated in the direction of length of the bar E, so the bolt may be moved outward in a straight line. The bolts D are usually provided with handholds *d*, by which they may be withdrawn.

Plates F are secured on the ends of the bolster, with their upper edges flush with the top thereof. These plates have suitable openings for the bolts.

On the top of the bolster at its ends I secure the plates G, the outer edges of which rest flush with the outer surface of plates F. These plates have openings corresponding to the socket *a*, and in the preferred construction they have notches which lead into sockets *g*, provided for the ends of the standard-braces. The standard may be braced by the construction shown in Fig. 3 and at the left in Fig. 1. In this construction the braces are hinged at one end to the bolster and have their other ends arranged to enter sockets in the sides of the standard. I prefer, however, the construction shown at the right in Fig. 1 and in Fig. 6. In this construction the braces are secured at one end to the standard, near the top of the latter, and have their other or lower ends adapted to enter sockets *g*. By this last construction, it will be readily seen, the braces are removed with the standard and are out of the way, but in both the constructions I provide braces secured at one end to one of parts A B, and detachably engaged at their opposite ends with the other one of such parts.

It will be noticed that the standard is iron-bound, and that the bolster is also iron-bound at the points where the metal-bound portions of the standard engage the bolster, so that there will be no wearing contact of metal against wood.

Having thus described my invention, what I claim as new is—

1. A bolster having a socket and a bolt-passage intersecting the same, combined with a standard having a tenon fitted to enter said socket, which tenon has an edge notch, and a fastening-bolt entering such edge notch and securing the standard, substantially as set forth.

2. The combination of the bolster having a socket, the standard having a tenon fitted to said socket and provided with a bolt-opening, the spring-bar secured at one end to the bolster, and a bolt supported on the opposite end of the spring and arranged and adapted to enter the bolt-opening of the tenon, substantially as set forth.

3. The combination, with the bolster and the standard, of the braces secured at one end to one of such parts and having their opposite ends detachably engaged with the other one of such parts, substantially as set forth.

4. The combination of the bolster, the standard, and the braces secured at one end to the standard and having their other end arranged to enter sockets in the bolster, substantially as set forth.

JOHN MUNSON McNEES.

Witnesses:
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