No. 807,360. PATENTED DEC. 12, 1905.

J. J. COYLE.

SIDE BOARD FOR WAGONS.

APPLICATION FILED MAR. 15, 1905.

Fig. 1.

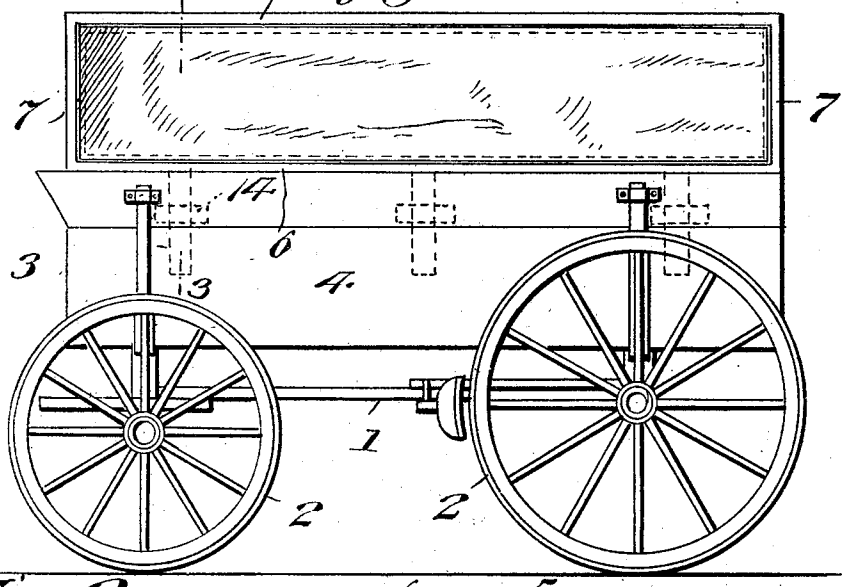


Fig. 2.

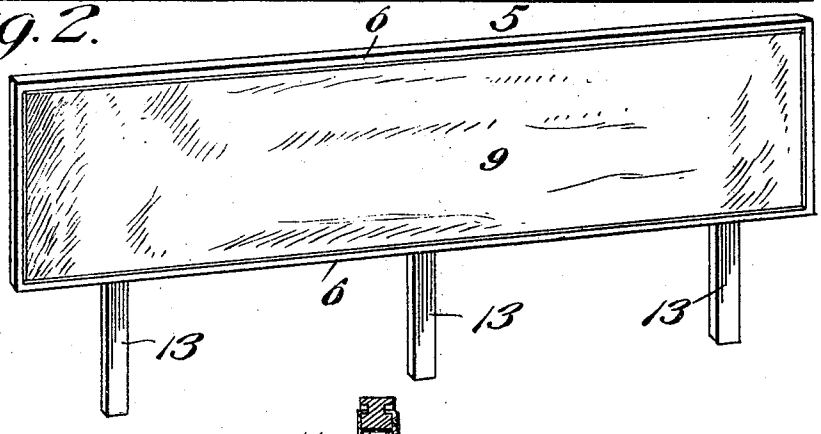
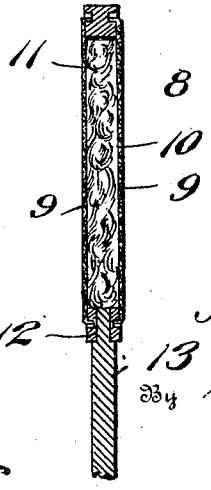


Fig. 3.



Witnesses

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SIDE-BOARD FOR WAGONS.

No. 807,360. Specification of Letters Patent. Patented Dec. 12, 1905.

Application filed March 15, 1905. Serial No. 250,258.

To all whom it may concern:

Be it known that I, JOHN JAMES COYLE, a citizen of the United States of America, residing at Honeycreek, in the county of Pottawattamie and State of Iowa, have invented new and useful Improvements in Side-Boards for Wagons, of which the following is a specification.

It is customary while husking corn to throw the husked ears into a wagon or other vehicle standing near the corn-pile and in order to obviate throwing the corn entirely over the vehicle to employ an extension or abutment for the far side thereof, against which abutment the corn strikes and is thereby directed into the body of the vehicle. Heretofore it has been the practice to construct these abutments of boards, this practice being objectionable, however, owing to the fact that the husked corn coming in contact with the boards is damaged to the extent of having the ears broken or a number of the kernels crushed and knocked from the ears, the injury thus sustained tending to detract from the market value of the corn when sold upon the ear.

My invention relates to guards or abutments designed for the above-named purpose, and has for its objects to produce a comparatively simple inexpensive device of this character which will offer a soft yielding surface to the corn, thereby obviating the above-mentioned objectionable features, one which will be strong and durable and at the same time extremely light, thus permitting of its being readily handled, and one which may be reversed, whereby in the event of one side covering becoming worn or otherwise defective the other side may be presented for action, thus materially increasing the life of the device as a whole.

With these and other objects in view the invention comprises the novel features of construction and the combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a side elevation of a vehicle equipped with a guard or abutment embodying the invention. Fig. 2 is a perspective view of the abutment. Fig. 3 is a vertical transverse section taken on the line 3 3 of Fig. 1 and with the abutment removed from the vehicle.

Referring to the drawings, 1 designates the vehicle running-gear, mounted upon transporting-wheels 2 and sustaining a body 3, including side walls 4, all of these parts being of the usual or any appropriate construction and material, inasmuch as they constitute no part of my invention.

In accordance with the present invention I provide a guard or abutment, including the skeleton frame 5, composed of upper and lower side bars 6 and transverse end bars 7, the said frame being equipped with a yieldable filling member or cushion 8, constituting the abutment proper with which the corn in practice contacts.

The yieldable abutment or cushion 8 consists of side portions or sheets 9 of canvas, burlap, or other pliable material, stretched upon and attached in any approved manner to the frame 5, the sheets 9 being arranged at opposite sides of and maintained in spaced relation by the frame 5, thus to produce an intervening space 10, which receives a packing or filling 11, of cotton or other appropriate material, while the lower side bar 6 of the frame has formed therein at suitable spaced intervals sockets 12, designed to receive the reduced ends of vertical members or standards 13, which in turn are adapted for detachable engagement with brackets or cleats 14, attached to the side 4 of the vehicle, thus to maintain the guard or extension removably in position, as will be readily understood.

In practice the guard or shield is mounted upon that side of the vehicle which is remote from the corn to be shucked, whereby as the husked corn is thrown it will contact with the yieldable portion 8, and be directed thereby into the body of the vehicle, it being apparent that in the use of the abutment above described the corn will upon coming in contact with the yieldable portion or cushion sustain no injury, and consequently that the objectionable features hereinbefore mentioned will be obviated. It is to be especially observed that the relative arrangement of the standards 13 and cleats 14 is such that the abutment may be readily reversed, thus to present either of the fabric sheets or covers 9 for active duty, whereby in the event of one of said sheets becoming worn the other may be brought into play, thus prolonging the life of the device, and, further, that in the event of one of the said sheets wearing out the packing or filling 11 will serve to prevent the entrance of the corn into the space 10 between the sheets.

From the foregoing it is apparent that I produce a comparatively simple inexpensive device admirably adapted for the attainment of the ends in view and one in the use of which the corn will be preserved free from injury,

it being understood that in attaining these ends various minor changes in the details of construction herein set forth may be resorted to without departing from the spirit of the invention.

Having thus described the invention, what is claimed is—

1. In a device of the class described, a rigid skeleton frame, standards connected to and depending from the normally lower bar of said frame, a pair of pliable sheets or webs applied to the frame in relatively spaced relation, a filling of soft material between the webs, and sockets designed to receive the standards, the latter and sockets being positioned relatively to permit reversal of the frame for bringing either web into active position.

2. In a device of the class described and in combination with a vehicle having one of its walls provided with sockets, a wall extension comprising a skeleton frame, a pair of pliable sheets applied thereto in relatively spaced relation, and a filling of soft material between the sheets, and standards depending from the normally lower bar of the frame and adapted for entrance into the sockets, the latter and standards being spaced relatively to permit reversal of the wall extension for bringing either sheet into active position.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN JAMES COYLE.

Witnesses:

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D. E. BALL.