Oct. 25, 1932. M. STANDISH 1,884,333

TRUCK BODY

Filed Aug. 20, 1928 2 Sheets-Sheet 1

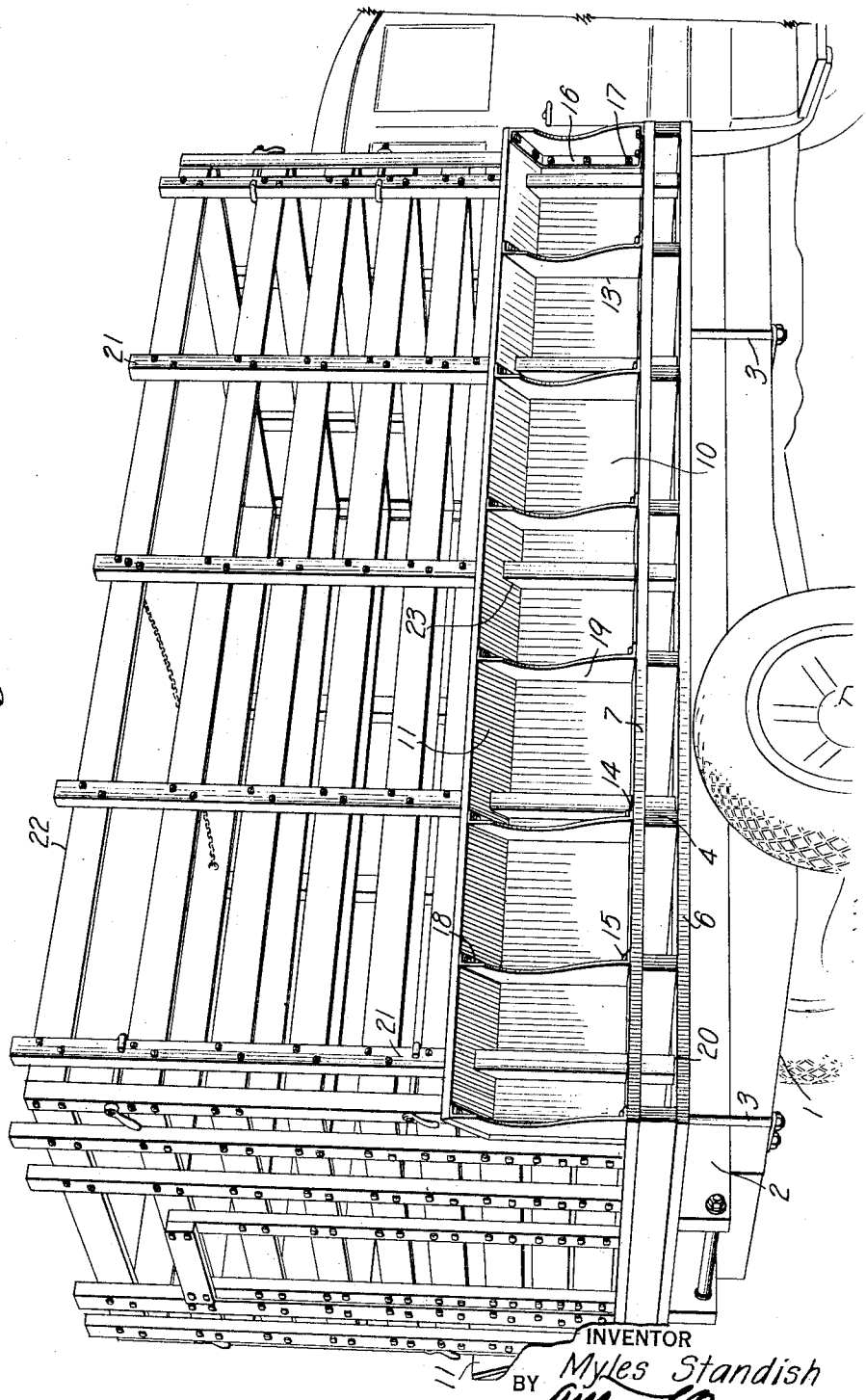


Fig. 1.

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Fig. 3.

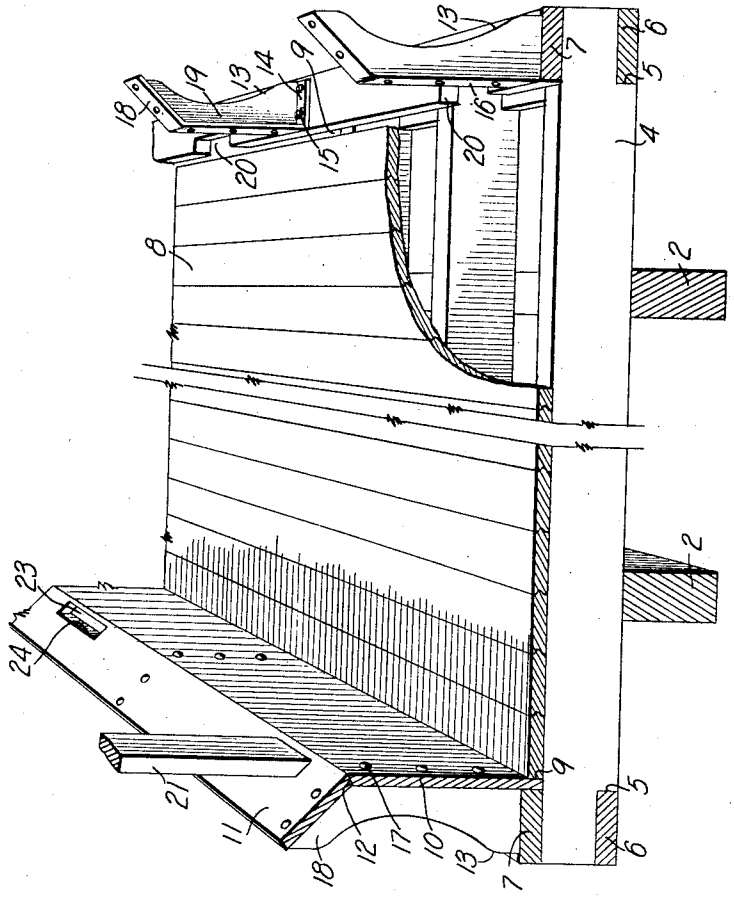


Fig. 2.

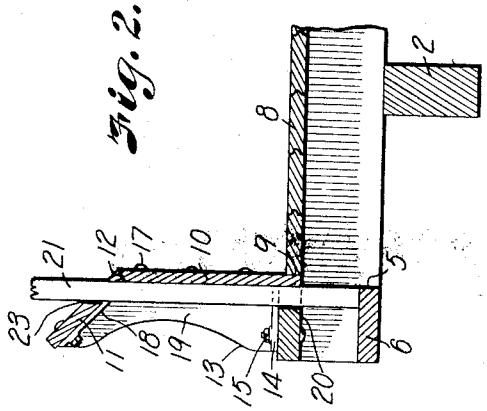
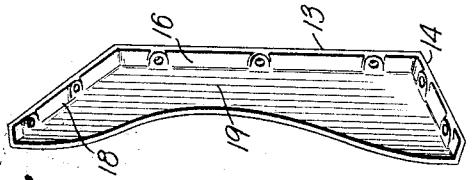


Fig. 4.



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MYLES STANDISH, OF COUNCIL BLUFFS, IOWA

TRUCK BODY

Application filed August 20, 1928. Serial No 300,724.

My invention relates to truck bodies and more particularly to side boards and means for supporting the same; the principal object of the invention being to provide for the rigid support whereby the side boards and flare boards are held in a constant angular relation with the bed of the truck, the boards are adapted to resist lateral strains and vibration, and the stakes are also stabilized.

In accomplishing this and other objects of the invention I have provided improved details of structure, the preferred forms of which are illustrated in the accompanying drawings, wherein:

Fig. 1 is a perspective view of a truck body constructed in accordance with this invention.

Fig. 2 is a fragmentary sectional view through the side of the truck body.

Fig. 3 is a perspective cross sectional view through a portion of the body, a part of the floor being broken away to illustrate the joist construction.

Fig. 4 is a detail view of a body brace.

Referring in detail to the drawings:

1 designates generally a motor truck and 2 body supporting sills secured to the truck by U bolts 3. Laid crosswise on the sills are joists 4 having terminal notches 5 for seating on lower ribbon boards 6 arranged longitudinally of the truck, and upper ribbon boards 7 rest on the ends of the joists parallel with the lower ribbon boards, the ribbon boards being suitably secured to the joists.

A floor 8 laid on the joists is spaced from the upper ribbon boards to provide grooves 9 to receive side boards 10 which rest on the joists and are supported and retained between the upper ribbon boards and the floor. Flare boards 11 are mounted in edge and angular relation with the side boards, the contacting edges being beveled as at 12 to establish the angular relation.

It is especially desirable that the angular positions of the side boards and especially the flare boards with reference to the other parts of the body be maintained, and that all parts of the said boards be held relatively rigidly in uniform position. To accomplish this purpose I provide a plurality of brace members 13, each comprising preferably a casting having a lower flange comprising a horizontal foot portion 14 for securing to one of the upper ribbon boards by bolts 15, and a vertical flange or face portion 16 for engagement with one of the side boards by means of bolts 17, to reinforce and stabilize the side boards in fixed relation with related ribbon boards.

The upper portion 18 of each brace member extends angularly, and at the angle with which the flare board is desirably related with the side board, to provide a flange for support of the flare board. The footing portion 14 and the flare board supporting portion 18 are preferably connected by a web 19 integral with the vertical portion of the brace for reinforcing and stiffening the member to prevent bending thereof under loads, and to prevent vibration.

The upper ribbon boards are provided with notches 20 along their inner edges to receive stakes 21 of rack sections 22, the stakes being adapted to rest on the lower ribbon boards and slidable in said notches, the stakes being positioned substantially flush with edges of the notched ribbon boards and in extensive engagement with the side boards that close the notches. The flare boards are provided with slots 23 through which the stakes may be slidably extended, the walls 24 of the slots being beveled suitably to the angular position of the flare boards with reference to the side boards, the rigidly supported side and flare boards serving to retain the stakes stably in position without rocking under variously disposed and different strains of loads.

In a truck body equipped as described, the side boards are substantially fixed in vertical position against twisting or displacement under load applied to any part thereof, and the flare boards are also retained in fixed angular relation with the truck body and the side boards. The relatively extensive face portions of the brace element provide suitable means for rigidly engaging the side boards and flare boards therewith and supporting them from the ribbon board, and the web portion of the brace member serves

additionally to maintain the relative positions of the elements not only for preventing distortion that would result in disrepair but for preserving appearances. When it is desired to add the stake elements, the stakes are easily mounted through the slots of the flare boards and into notches of the ribbon boards in position engaging the side boards, flare board slot walls, and ribbon boards, whereby the stakes are supported and held securely and relatively against vibration, and in position from which they are conveniently removable. In a body constructed to include the floor, side boards and ribbon boards as described, shrinkage of the side boards would not leave cracks between the board and the floor, and the lower edges of the side boards are retained against bulging outwardly over the ribbon board under heavy outward pressure of loads.

Since the plurality of brace members are distributed throughout the length of the flare boards, the stakes may be mounted in any desired situation and will be equally well braced wherever they may be installed.

What I claim and desire to secure by Letters Patent is:

In a body of the character described including a rack provided with stakes, stake-supporting means including transverse joists, a side board mounted on edge on the joist in juxtaposition to the outer edge of the floor, an upper ribbon board secured on the joists adjacent the outer face of the side board and having notches for receiving said stakes, a lower ribbon board secured to the joists in vertically aligned relation to the upper ribbon board to support the lower end of the stakes, a flare board in angular relation to the upper end of the side board and having stake-receiving notches vertically aligned with the notches in the upper ribbon board, and a brace having foot, side and flared portions adapted to be respectively secured to the upper ribbon board, side board and flare board.

In testimony whereof I affix my signature.

MYLES STANDISH.