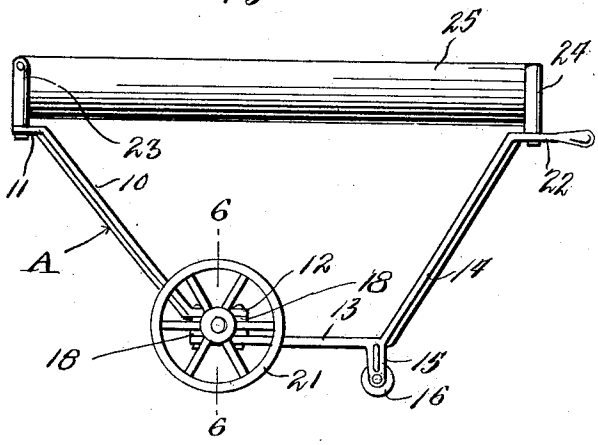
J. A. MORRELL.

COTTON LAP ROLL TRUCK.

APPLICATION FILED DEC. 23, 1913.

1,104,697. Patented July 21, 1914.

Fig. 1.



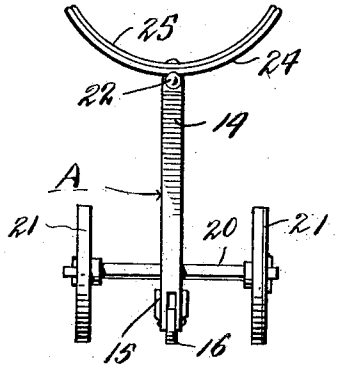


Fig. 3.

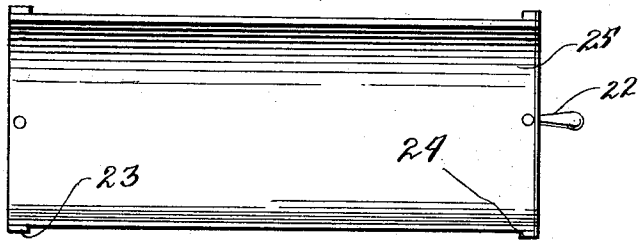
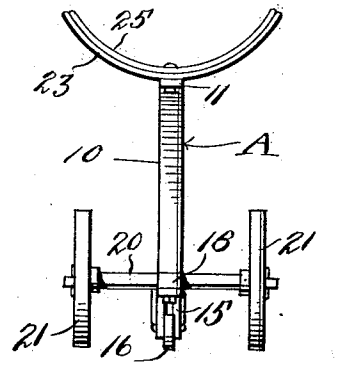


Fig. 2.

Fig. 4.



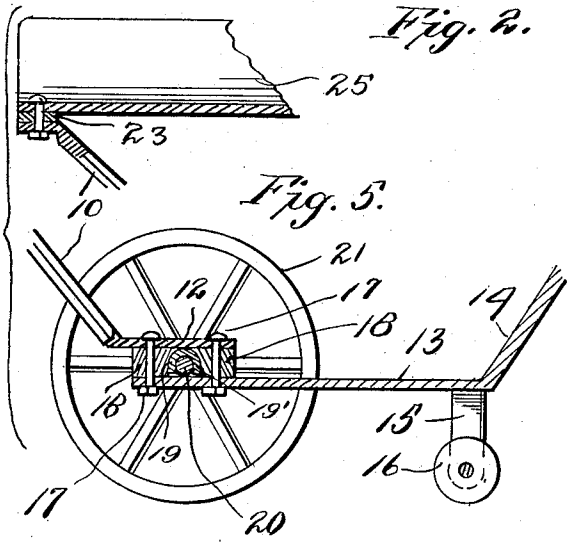


Fig. 5.

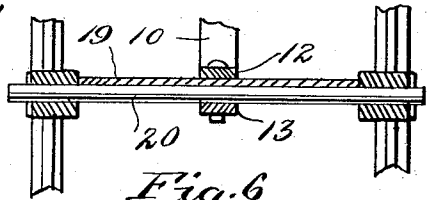


Fig. 6

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UNITED STATES PATENT OFFICE.

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COTTON-LAP-ROLL TRUCK.

1,104,697. Specification of Letters Patent. Patented July 21, 1914.

Application filed December 23, 1913. Serial No. 808,437.

To all whom it may concern:

Be it known that I, JOHN A. MORRELL, a citizen of the United States, residing at Pickens, in the county of Pickens, State of South Carolina, have invented certain new and useful Improvements in Cotton-Lap-Roll Trucks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to cotton lap roll trucks.

The object of the invention resides in the provision of a truck of the character named through the instrumentality of which cotton lap rolls may be conveyed after removal from the lap machine from one point to another without danger of tearing the lap or rounding the ends of the roll. By thus protecting the cotton lap rolls during handling they will run better in subsequent machines to which they are fed and in addition the product turned out will be of better quality and uniform.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully described and particularly pointed out in the appended claim.

In describing the invention in detail reference will be had to the accompanying drawings wherein like characters of reference denote corresponding parts in the several views, and in which—

Figure 1 is a side elevation of a cotton lap roll truck constructed in accordance with the invention; Fig. 2, a top plan view of the invention; Fig. 3, a front view of the invention; Fig. 4, a rear view of the invention; Fig. 5, a longitudinal section of same, and Fig. 6, a section on the line 6—6 of Fig. 1.

Referring to the drawings the improved truck is shown as comprising a substantially U-shaped frame A. This frame A comprises a front member 10 having its upper and lower ends directed laterally in opposite directions as at 11 and 12 respectively. The frame A further embodies an angle member including arms 13 and 14 and formed integral with the arms 13 and 14 at their junction is a bracket 15 in which is journaled a supporting roller 16. The arm 13 extends parallel to the lower end 12 of the member 10 and secured between the lower end 12 and the outer end of the arm 13 by means of bolts 17 are axle clamping blocks 18 which secure a transverse bearing member 19 having an axle receiving recess 19′. Disposed in the recess 19 is an axle 20 upon the terminals of which are rotatably mounted traction wheels 21 which serve to support the truck during movement of the latter and during the operation of dumping a cotton lap roll. The upper end of the arm 14 terminates in a laterally directed portion 22 which constitutes the handle of the truck. Mounted upon the laterally directed upper end 11 and upon the laterally directed upper end 22 respectively are arcuate tray supporting brackets 23 and 24, said brackets extending transversely of the truck. Supported upon the brackets 23 and 24 is a lap roll tray 25 which is curved transversely to conform to the curvature of a lap roll and thereby assure a snug fit of the lap roll in the tray.

In the use of the truck it is only necessary to remove same to the delivery end of a lap machine and place the roll removed from the machine into the tray 25. The truck is then moved to the desired destination and the lap roll dumped by elevating the rear end of the truck on the axle 20 as a pivot. When the lap rolls are thus handled they are free from any damage whatever so that proper feeding of the lap in the next machine is assured.

What is claimed is:—

A cotton lap roll truck comprising a U-shaped member formed of a pair of sections having portions disposed in overlapping relation, a wheeled axle clamped between the overlapping portion of the member, and a tray supported upon the upper ends of the arms of the member.

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

JNO. A. MORRELL.

Witnesses:
JNO. T. ABERCROMBIE,
S. L. ADAMS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."