

G. C. THUESEN AND E. C. STRICKLAND.

LAUNDRY TRUCK.

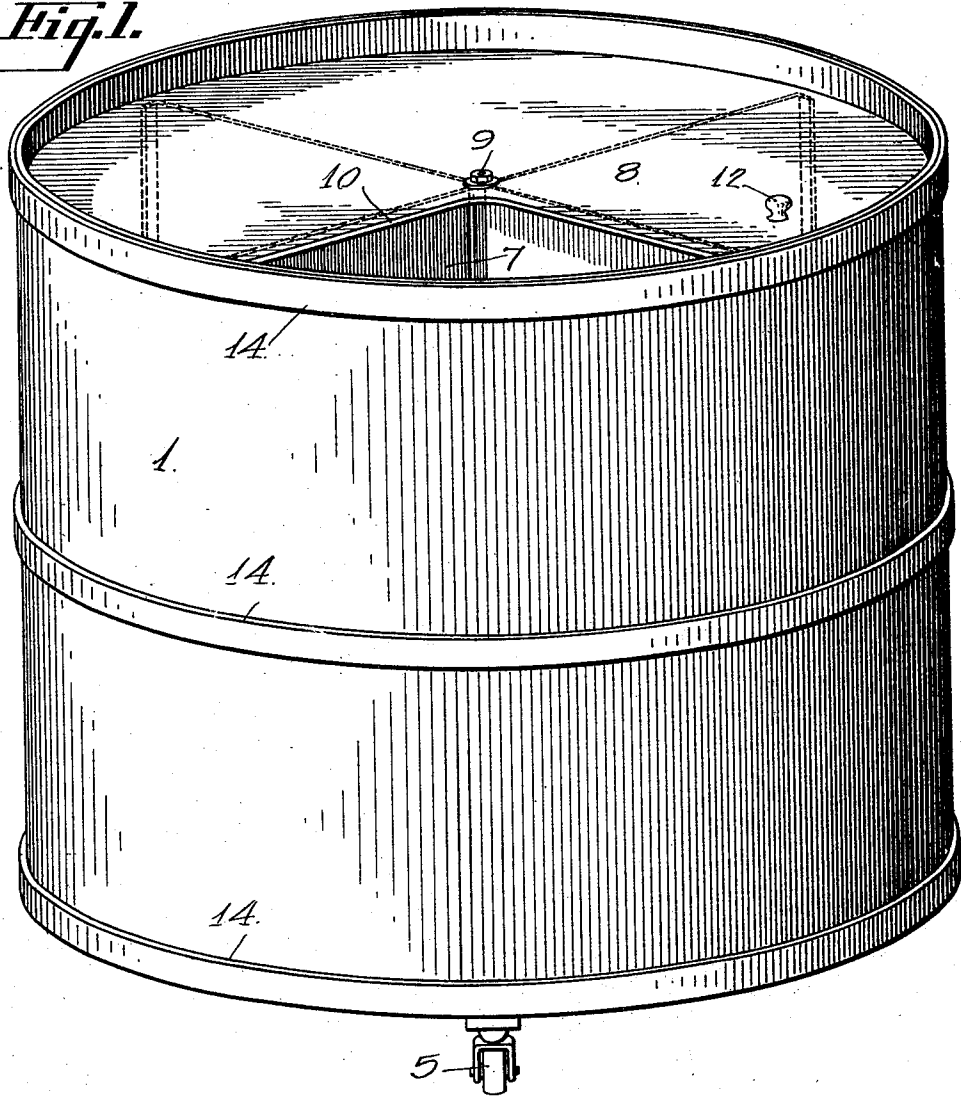
APPLICATION FILED MAR. 19, 1921.

Patented June 27, 1922.

3 SHEETS—SHEET 1.

1,421,110.

Fig. 1.



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3 SHEETS—SHEET 2.

Fig. 2.

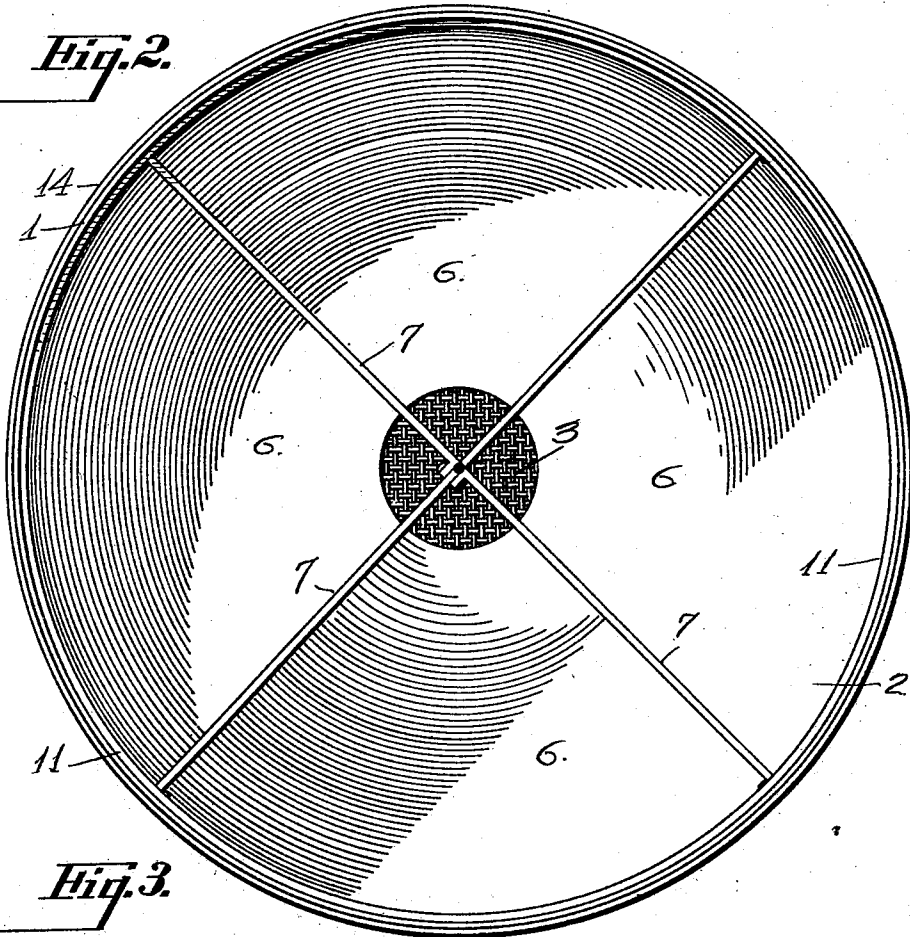
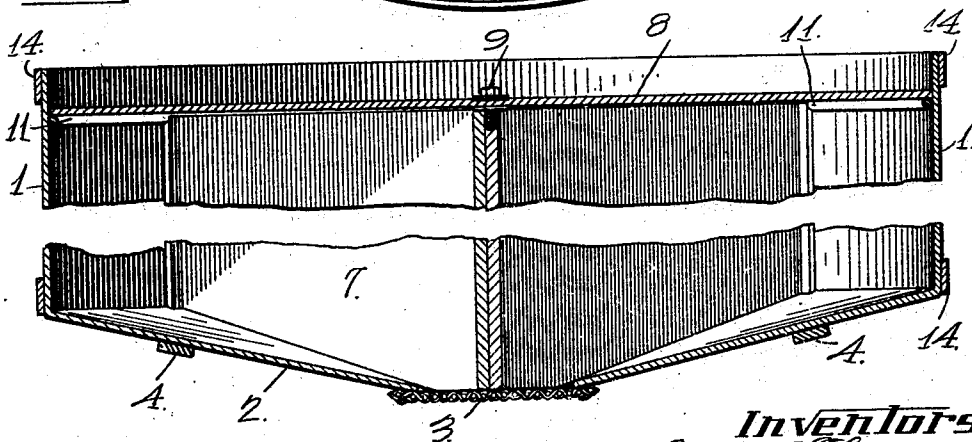


Fig. 3.



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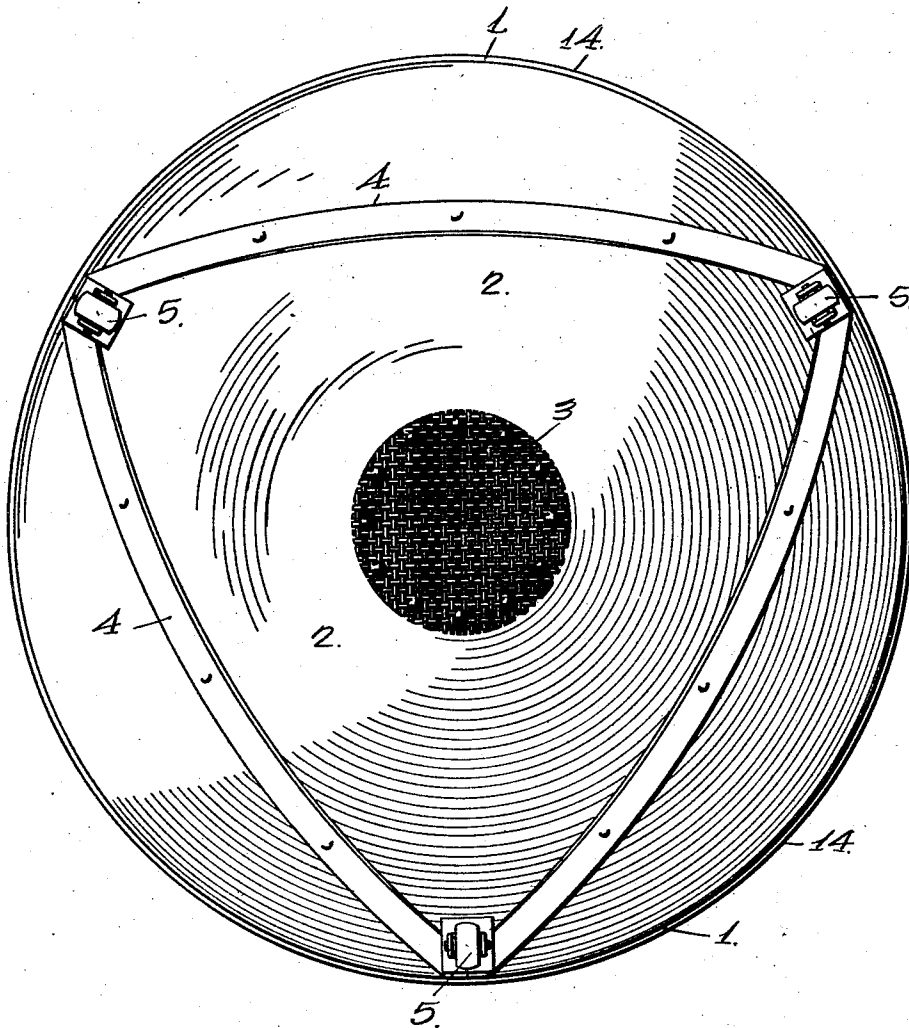
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3 SHEETS—SHEET 3.

Fig. 4.



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UNITED STATES PATENT OFFICE.

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LAUNDRY TRUCK.

1,421,110.

Specification of Letters Patent. Patented June 27, 1922.

Application filed March 19, 1921. Serial No. 453,860.

To all whom it may concern:

Be it known that we, GODFRED C. THUESEN and ERVE C. STRICKLAND, citizens of the United States, residing in the city and county of San Francisco and State of California, and the city of San Jose, county of Santa Clara, and State of California, respectively, have invented a new and useful Improvement in a Laundry Truck, of which the following is a specification.

Our invention relates to improvements in laundry trucks, and consists of a new article of manufacture comprising a vertically disposed cylinder having sector compartments therein closed by a cover having an opening arranged to fully open only one of said compartments at one time.

The present state of the art discloses rectangular trucks employed in laundries and provided with a plurality of compartments to receive individual laundry collections from a washer machine or "wheel" also having compartments within which individual laundry collections are washed.

In removing the individual collection from one of the washer compartments to the truck compartment it is awkward and inconvenient, and much energy and time is wasted in manipulating the rectangular truck to bring the same to a proper position to transfer laundry to an empty compartment.

We intend to overcome the disadvantages of the rectangular truck by providing a vertically disposed cylindrical truck, which, owing to its circular shape, may be easily and readily rolled along the edge of the washing machine, thereby successively presenting successive compartments to the side of the washing machine, whereby the process of transferring laundry from a compartment of said washing machine to a compartment of the truck may be facilitated.

A further object of the present invention is to provide a suitable cover which may be easily rotated, instead of raised on hinges, and having a single opening therein arranged to register with and thereby uncover only one of the truck compartments at one time, in order to prevent confusion and mixing of individual laundry collections.

A still further object of the invention is to provide a drain whereby surplus water may be drained from the laundry within the compartments thereby facilitating the drying process of said laundry within said compartments.

A still further object is to provide a rotatable cover of the character described that will ride upon a circular head to reduce frictional engagement of said cover during rotation and to prevent frictional contact of said cover with the upper ends of vertically disposed partitions which divide the truck into sector compartments.

We accomplish these and other objects by means of the improved article of manufacture disclosed in the drawings forming a part of the present specification wherein like characters of reference are used to designate similar parts throughout the said specification and drawings, and in which—

Fig. 1 is a perspective view of our improved laundry truck;

Fig. 2 is a plan view thereof with the cover removed;

Fig. 3 is a broken vertical sectional view of the truck disclosing the manner in which the cover is mounted and the drain at the bottom of said truck; and

Fig. 4 is a bottom plan view of the truck.

Referring to the drawings the numeral 1 is used to designate a vertically disposed cylinder having a frusto-conical bottom 2 provided with a centrally disposed aperture covered with a suitable screen 3.

The truck is movably supported by means of a triangular frame 4 having a suitable caster 5 pivotally mounted at each corner thereof, said frame 4 being riveted or otherwise suitably secured to the bottom 2 of said truck or cylinder 1.

The truck or cylinder 1 is provided with a plurality of sector compartments 6 communicating with the screened aperture 3 in the bottom 2, by means of radially disposed vertical partitions 7 arranged preferably at right angles to each other as disclosed in Fig. 2 of the drawings.

A cover 8 is rotatably mounted upon a suitable stud or pivot 9 arranged at the junction of the partitions 7 and is provided

with an aperture or sector opening 10 arranged to fully uncover only one of the sector compartments 6 at one time. The periphery of the cover 8 rests and rides upon a bead 11 which is suitably secured to the inner surface of the cylinder 1 and projecting slightly above the upper ends of the partitions 7, thereby preventing frictional engagement of said cover 8 with said partitions during rotation of the same.

The cover 8 is provided with a suitable knob or handle 12 by means of which said cover may be easily and readily rotated.

The cylinder 1 is reinforced by means of suitable circumferential bands arranged at regular intervals on the outer surface of said cylinder, thus tending to retain the shape of the truck and to prevent violent contact of the outer walls of said cylinder 1 with obstructions or projections which might be encountered during movement of said truck.

In operation the trunk is moved adjacent the washing machine, not shown, and the laundry from one compartment of said machine is transferred to one of the compartments 6 of the truck or cylinder 1. After the entire contents of one washer compartment has been thus transferred, the truck or cylinder 1 is rolled along the edge of the washer to present the next or successive empty compartment 6 of said truck to the next compartment of the washer to be emptied, the cover 8 having been meanwhile rotated, by means of the handle 12, to uncover the next compartment 6 to receive the next collection of laundry.

During this operation, laundry within the compartments will be drained through the screened aperture 3 in the bottom 2 of the cylinder 1, and as said screened aperture communicates with all of said compartments 6 it is obvious that the laundry within all of the compartments 6 will be effectively drained during transportation of the truck to the next successive stage in the process.

It is obvious from the foregoing that we have provided a new article of manufacture comprising a vertically disposed cylindrical truck having a plurality of compartments arranged to receive individual laundry collections and a rotatable cover arranged to open only one of said compartments at one time.

This latter feature of the cover is important and essential in work of this type as it is evident that were all of the compartments uncovered an operator might easily become confused and place some of the articles of the laundry within the wrong compartment.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:

1. A new article of manufacture comprising

a cylindrical laundry truck; vertically disposed partitions mounted within the truck to provide a plurality of compartments therein; a bead mounted within the truck and having its upper edge projecting slightly above the upper edges of the partitions; and a cover rotatably mounted upon the partitions and having the periphery thereof resting upon said bead, said cover being provided with an aperture arranged to fully uncover only one of said compartments at one time.

2. A new article of manufacture comprising a cylindrical laundry truck; vertically disposed partitions mounted within the truck to provide a plurality of compartments therein; a bead mounted within the truck and having its upper edge projecting slightly above the upper edges of the partitions; a cover rotatably mounted upon the partitions and having the periphery thereof resting upon said bead, said cover being provided with an aperture arranged to fully uncover only one of said compartments at one time; and circumferential bands mounted at regular intervals upon the outer surface of the truck to reinforce the same.

3. A new article of manufacture comprising a vertically disposed cylinder having an apertured frusto-conical bottom to facilitate draining of laundry in said cylinder; radially disposed vertical partitions within the cylinder arranged to provide sector compartments communicating with the aperture in said bottom to drain said sector compartments; and a cover rotatably mounted over the compartments and having an opening therein arranged to register with only one of said compartments at one time; and a suitable screen mounted over said aperture.

4. A new article of manufacture comprising a vertically disposed cylinder having radially disposed vertical partitions therein; a triangular supporting frame secured upon the bottom of the cylinder; and a caster mounted at each corner of the triangular frame to form a three point rolling support whereby said cylinder may be moved as and for the purposes described.

5. A new article of manufacture comprising a vertically disposed cylinder having radially disposed partitions forming compartments therein; supporting members secured in triangular form upon the bottom of the cylinder; casters mounted upon the bottom of the cylinder at the points of intersection of said supporting members to form a three point rolling support whereby the cylinder may be readily moved; and a rotatable cover having an opening therein arranged to register with any of the compartments of the cylinder.

6. A new article of manufacture comprising a vertically disposed cylinder having an apertured frusto-conical bottom; a screen

covering the aperture in said bottom; a plurality of vertical partitions mounted within the cylinder to form compartments therein; supporting members secured in triangular
5 form upon the bottom of the cylinder; casters mounted at the intersection of said supporting members to form a three point roll-

ing support whereby the cylinder may be readily moved as and for the purposes described. 10

In witness whereof we hereunto set our signatures.

GODFRED C. THUESEN.
ERVE C. STRICKLAND.