

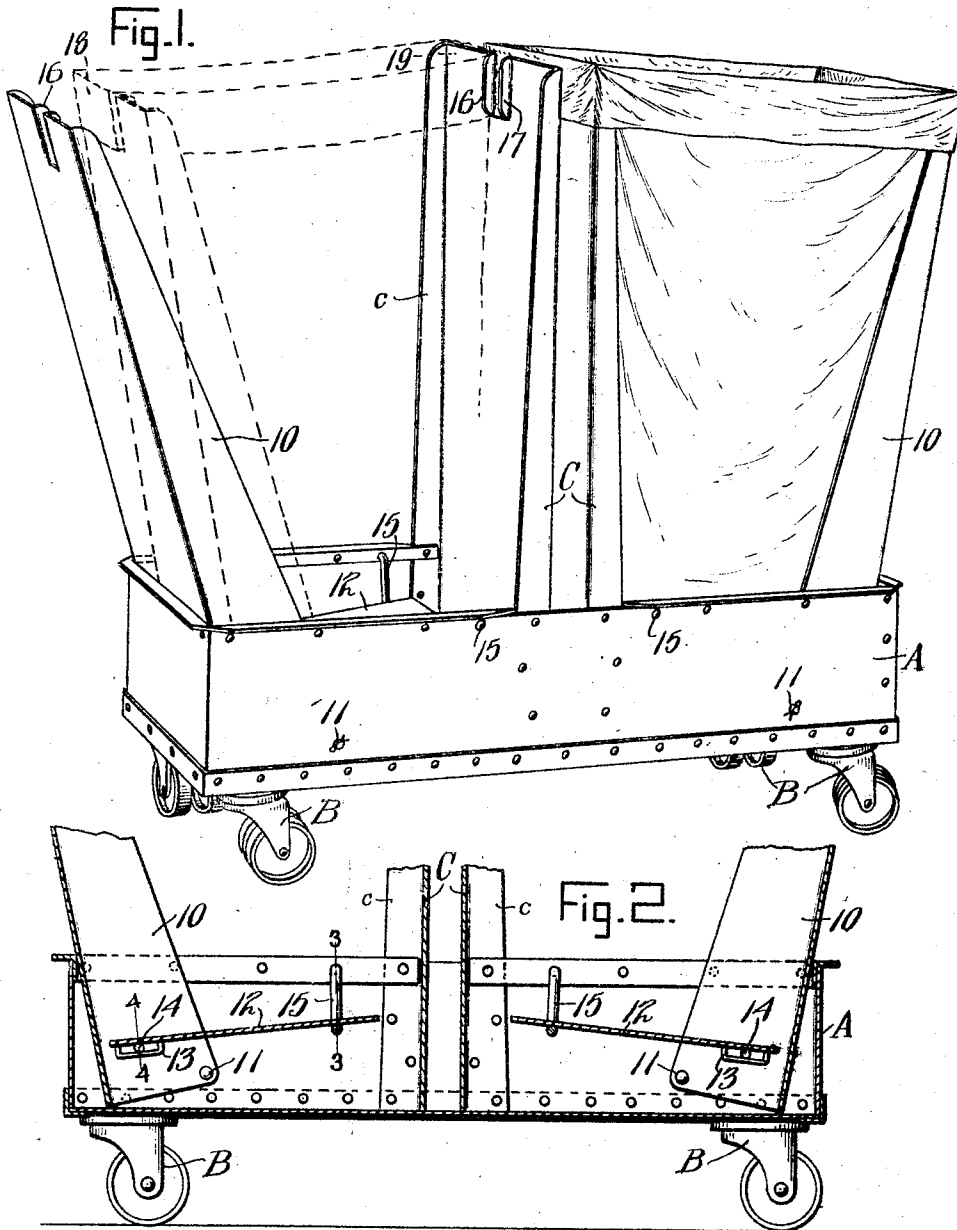
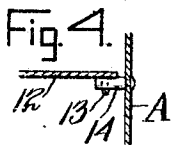
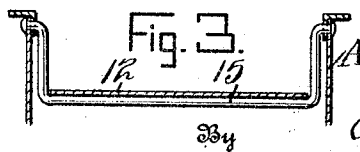
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P. R. SYERS

LAUNDRY TRUCK

Filed Jan. 22, 1925



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UNITED STATES PATENT OFFICE.

PAUL R. SYERS, OF INDIANAPOLIS, INDIANA.

LAUNDRY TRUCK.

Application filed January 22, 1925. Serial No. 4,125.

To all whom it may concern:

Be it known that I, PAUL R. SYERS, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Laundry Trucks, of which the following is a specification.

My said invention relates to a truck for use in laundries and it has combined therewith bag supports or holders so constructed and arranged that the weight of the goods within the bag will operate to hold the mouth of the bag open by gravity, the weight of a pivoted support being aided by the weight of the bag and the goods within the bag when the bag has been filled or partially filled, all as will be hereinafter more fully described and claimed.

Referring to the drawings which are made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 is a perspective view showing one of my said laundry trucks with a bag in position on one side and a smaller bag indicated in position on the opposite side of the apparatus;

Figure 2, a central longitudinal section through the lower portion of the truck;

Figure 3, a cross section on the dotted line 3—3 in Figure 2; and

Figure 4, a detail section on the dotted line 4—4 in Figure 2.

In said drawings the portion marked A represents the truck body, B the casters on which it is mounted, and C the stationary supports for the bag.

The truck A and casters B are of any approved form but preferably constructed of iron with the truck body in the form of a box with an open top.

The supports C are vertical standards preferably stamped out of sheet steel. They are formed with flanged edges *c* and extend to an appropriate height to support a bag of such size as is commonly used in laundry work for hauling the clothes being laundered to or from the washing machines and for such like uses.

A pivoted support 10 of a construction similar to the supports or standards C is mounted adjacent to each end of the truck on a pivot 11, said pivot being located near the inner lower corner of said support whereby the upper end of the support will

tilt outwardly on its pivot by gravity, as indicated in Figs. 1 and 2.

A support 12 consisting of a platform or shelf is mounted by means of elongated eyes 13 and lugs 14 at a point near the lower end of each of said supports 10, its opposite end being supported on a bail-like support 15 pivotally mounted at each end in the respective sides of the truck body adjacent to the supports C.

As will be understood by an inspection of the drawings, the two ends of the truck are duplicates one of the other, the rigid supports C being back to back in the center of the truck and the pivoted supports 10 being at each end of the truck and adapted to tilt or fall outwardly away from the supports C. The platform 12 is so mounted that any weight brought upon said platform bears downwardly outside the pivot 11 and adds to the pressure by which said supports 10 are forced outwardly at the top. Thus the weight of the laundry bag with its contents resting upon the platform 12, aids in forcing and holding the top of the standards or supports 10 away from the rigid supports C keeping the top of the bag open. Said supports C and 10 are also preferably formed, as shown, of sheet metal in such a shape that the laundry bag, which when filled bulges outward, will bear against the standards and by pressure against such standards also help to hold the top of the laundry bag open.

Each standard is centrally slotted from the top for a distance toward its center and is formed with in-turned flanges 16 and 17 by means of which bags of smaller size than the bags shown at the right in Fig. 1 may be hung over the tops, that is, bags too small to be stretched entirely across the full width of the tops of said standards may have a cuff turned down to surround opposed forks 18 and 19, as illustrated in dotted lines in Figure 1, so that four bags instead of two may be supported on the truck here shown, if desired.

It will be understood that supports C and 10 might in some instances be mounted on a stationary base or floor and many other changes will occur to those skilled in the art for which reason I do not limit myself to the precise embodiment of the invention as shown in the drawings and described in the specification but only as indicated in

the appended claims. For example, the holder may be made with stationary standards at one end of the truck instead of intermediate its ends and it may be made with any number of bag holders instead of the two shown. It may be set in a truck body to catch the water from the wet clothes as they are pulled out of the washing machine as shown or in any other appropriate support. The holder may also be made of a single construction instead of double and with a compartment for containing a supply of bags alongside thereof.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent; is:

1. A support for laundry bags comprising fixed standards, and pivoted standards adjacent said fixed standards movable by gravity into position to cooperate with the fixed standards in supporting a laundry bag in open and suspended position said standards being bifurcated at their upper ends for supporting bags of different sizes, substantially as set forth.

2. A support for laundry bags comprising fixed standards, pivoted standards adjacent said fixed standards movable by gravity into position to cooperate with the fixed standards in supporting a laundry bag in open and suspended position; and a shelf movably connected to said pivoted standard in position to support the bottom of the laundry bag, substantially as set forth.

3. A support for laundry bags comprising fixed standards, pivoted standards adjacent said fixed standards movable by gravity into position to cooperate with the fixed standards in supporting a laundry bag in open and suspended position; and a shelf movably connected to said pivoted standard in position to support the bottom of the laundry bag the pivot of the movable standard being between the fixed standard and the connection between said shelf and said movable standard; substantially as set forth.

4. A laundry bag holder comprising a rigid support; fixed standards thereon, standards pivoted on said support in spaced relation to said fixed standards and movable by gravity into position to cooperate with the fixed standards in supporting a laundry bag in open and suspended position, a shelf secured at one end to a movable standard adjacent the lower end thereof, and a hanger on the rigid support for the other end of the shelf; substantially as set forth.

5. A support for laundry bags comprising fixed standards, pivoted standards adjacent

said fixed standards movable by gravity into position to cooperate with the fixed standards in supporting a laundry bag in open and suspended position, and a shelf loosely supported at one end between said standards and at the other end on the movable standard beyond the pivot thereof, substantially as set forth.

6. A support for laundry bags comprising standards having their upper spaced ends arranged to engage under a cuff at the upper end of the bag to be supported, and unobstructed notches opening out of the upper ends of said standards whereby bags of smaller size may be supported in similar manner, substantially as set forth.

7. A bag-holder comprising a rigid standard, a pivot at one side thereof, and a standard swingably mounted on the pivot with its center of gravity in all positions lying at the side of the pivot remote from the fixed standard, substantially as set forth.

8. A bag-holder comprising a rigid standard, a movable standard, and sustaining means for the movable standard located at that side of the center of gravity of said movable standard nearest the fixed standard in all operative positions of the movable standard whereby the movable standard is biased to swing away from the fixed standard; substantially as set forth.

9. A laundry truck having fixed standards midway of its length, an independent standard adjacent each end cooperating with one of said fixed standards, and a pivot for each independent standard lying between the fixed standard and the center of gravity of the independent standard in all positions of adjustment of the latter whereby said independent standards are movable by gravity to maintain the bags in open and suspended relation; substantially as set forth.

10. A laundry truck having fixed standards midway of its length for attachment to the upper end of the laundry bag, movable standards adjacent its ends for similar attachment, suspending means for each of said last-named standards lying between the corresponding fixed standard and the center of gravity of the movable standards whereby the movable standards are biased to maintain the bags in open and suspended relation with increasing force as they are filled.

In witness whereof, I have hereunto set my hand and seal at Indianapolis, Indiana, this 12th day of January, A. D. nineteen hundred and twenty-five.

PAUL R. SYERS: [L. S.]