

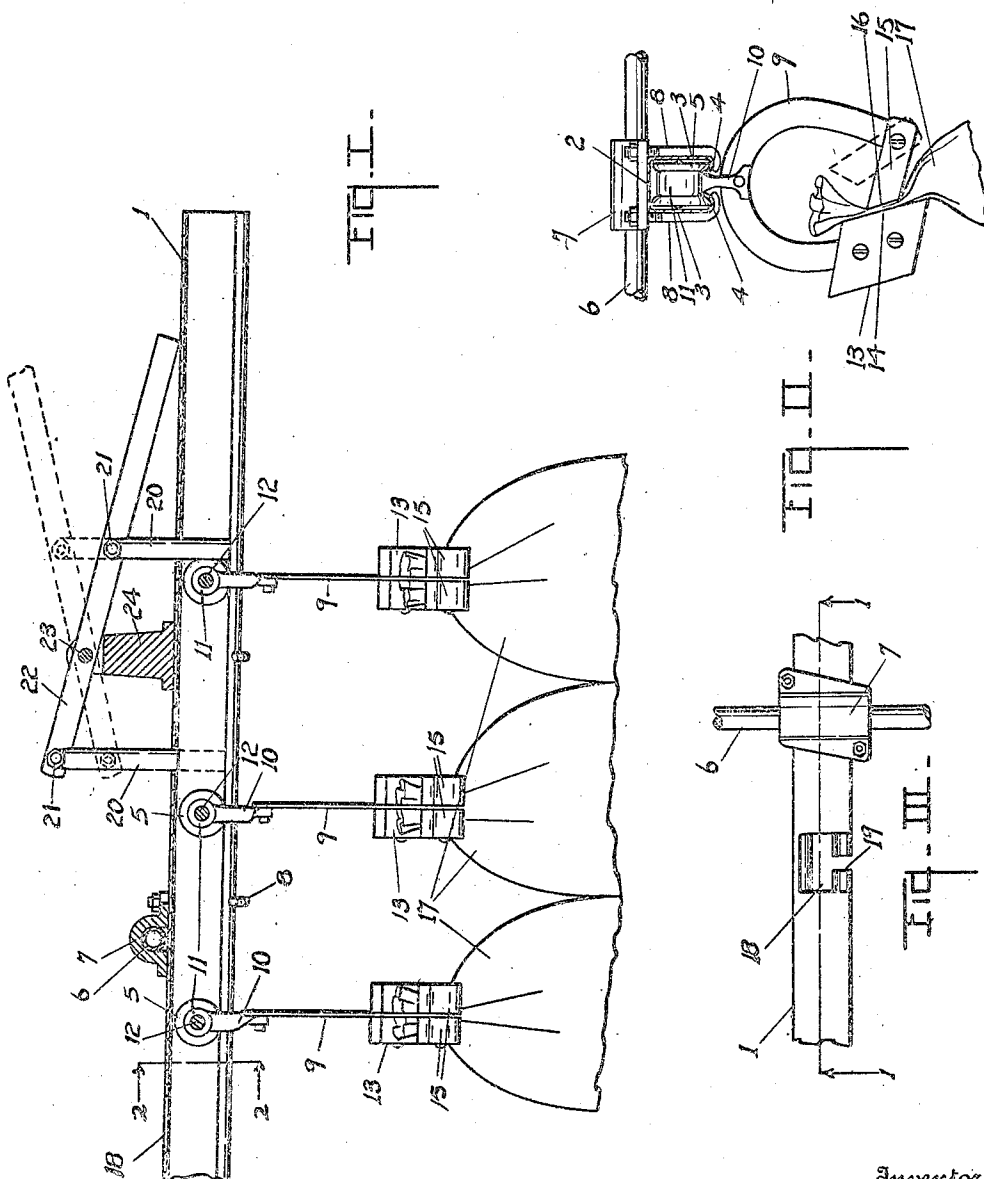
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C. L. BRALEY

CONVEYER AND HANGER

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CONVEYER AND HANGER.

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To all whom it may concern:

Be it known that I, CHARLES L. BRALEY, a citizen of the United States, residing at the city of Chicago, county of Cook, State of Illinois, have invented certain new and useful Improvements in Conveyers and Hangers, of which the following is a specification.

This invention relates to improvements in conveyers and hangers.

The main objects of this invention are to provide an improved conveyer and hanger for use in laundries for suspending and conveying bags and the like.

Further objects, and objects relating to structural details, will definitely appear from the detailed description to follow.

I accomplish the objects of my invention by the devices and means described in the following specification. The invention is clearly defined and pointed out in the claims.

A structure which is a preferred embodiment of my invention is clearly illustrated in the accompanying drawing forming a part of this specification, in which:

Fig. I is a detail side view of a structure embodying the features of my invention, the track being shown in longitudinal section on a line corresponding to line 1—1 of Fig. III, the stop device being illustrated in one position by full lines and in another position by dotted lines.

Fig. II is a detail transverse section on a line corresponding to line 2—2 of Fig. I.

Fig. III is a detail plan view.

In the drawing similar reference characters refer to similar parts throughout the several views, and the sectional views are taken looking in the direction of the little arrows at the ends of the section lines.

Referring to the drawing, the track 1 comprises the top 2, sides 3, the lower edges of the sides being turned inwardly or having intumed flanges thereon to provide rails 4 for the flanges of the flanged roller 5. This flanged roller is a comparatively close or travelling fit within the track. The track is suspended from the rods 6, clips 7 being disposed over the rods and provided with hooked hanger bolts 8 engaging under the flange or rails of the track.

I provide a yoke-like hanger 9 having a shank 10 provided with a collar 11 em-

bracing the center portion 12 of the roller, as shown in Fig. I. On one arm of the yoke 9 is a fixed jaw block 13 having an upwardly inclined face 14. A pivoted jaw 15 having an inclined face is provided to coact with the jaw 13 in gripping a bag, as 17. The bag is introduced or pushed up between the jaws and a downward pull on the bag causes the jaws to grip the bag and the weight of the bag causes the jaws to grip more firmly upon the bag.

When the apparatus is to be used in laundries the jaws are preferably of wood.

The track 1 is provided with an opening 18 in the top and one side adapted to receive the roller when it is presented sidewise thereto, the rails on the open side being cut away at 19 to receive the shank 10. This permits the introduction of the carriers at different points along the track, no regard being paid in the drawings to the proper location of the openings, but it will be understood that they may be positioned as desired.

To permit the delivery of the hangers or carrier from the ends of the track, one by one I provide a stop means consisting of a pair of stop members 20 extending through openings in the top of the track so as to project in the path of the rails. These stop members are pivotally mounted at 21 on the lever 22 pivoted at 23 on the supporting bracket 24 mounted on the track. When the lever is in the position indicated by dotted lines it permits one of the hangers or carriers to roll off or be withdrawn from the track, the succeeding carrier, however, being retained by the second stop.

With this arrangement of parts I provide means for conveying bags and the like which are particularly desirable for use in laundries, for which purpose the structure illustrated is designed. My improvements may, however, be used to advantage in various relations.

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

1. In a structure of the class described, the combination of a track comprising top and side members, the side members having intumed flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, a yoke shaped

hanger provided with a shank at its bight end, said shank having a collar engaging said roller between its flanges, said track having an opening in one side and the top thereof, permitting the introduction of said roller when presented sidewise thereto, the rail being also cut away to receive said hanger shank, a fixed jaw mounted on one arm of said yoke, a coacting jaw pivoted on the other arm of said hanger, whereby an article introduced between said jaws is gripped by a downward pull thereon, a stop lever pivotally mounted on said track, and a pair of stops pivotally mounted on said lever on opposite side of its supporting pivot to reciprocate through the top of the track.

2. In a structure of the class described, the combination of a track comprising top and side members, the side members having inturned flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, a yoke shaped hanger provided with a shank at its bight end, said shank having a collar engaging said roller between its flanges, said track having an opening in one side and the top thereof, permitting the introduction of said roller when presented sidewise thereto, the rail being also cut away to receive said hanger shank, a fixed jaw mounted on one arm of said yoke, and a coacting jaw pivoted on the other arm of said hanger whereby an article introduced between said jaws is gripped by a downward pull thereon.

3. In a structure of the class described, the combination of a track comprising top and side members, the side members having inturned flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, a yoke shaped hanger provided with a shank at its bight end, said shank having a collar engaging said roller between its flanges, a fixed jaw mounted on one arm of said yoke, a coacting jaw pivoted on the other arm of said hanger, whereby an article introduced between said jaws is gripped by a downward pull thereon, a stop lever pivotally mounted on said track, and a pair of stops pivotally mounted on said lever on the opposite side of its supporting pivot to reciprocate through the top of the track.

4. In a structure of the class described, the combination of a track comprising top and side members, the side members having inturned flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, a yoke shaped hanger provided with a shank at its bight end, said shank having a collar engaging said roller between its flanges, a fixed jaw mounted on one arm of said yoke, and a co-

acting jaw pivoted on the other arm of said hanger, whereby an article introduced between said jaws is gripped by a downward pull thereon.

5. In a structure of the class described, the combination of a track comprising integral top and side members, the side members having inturned flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, a hanger provided with a shank engaging said roller between its flanges, said track having an opening in one side and the top thereof, permitting the introduction of said roller when presented sidewise thereto, the rail being also cut away to receive said hanger shank, a stop lever pivotally mounted on said track, and a pair of stops pivotally mounted on opposite side of its supporting pivot to reciprocate through the top of the track.

6. In a structure of the class described, the combination of a track comprising integral top and side members, the side members having inturned flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, and a hanger provided with a shank engaging said roller between its flanges, said track having an opening in one side and the top thereof, permitting the introduction of said roller when presented sidewise thereto, the rail being also cut away to receive said hanger shank.

7. In a structure of the class described, the combination of a track comprising integral top and side members, the side members having inturned flanges at their lower edges providing spaced rails, a flanged roller adapted to travel on said rails, said roller being a travelling fit in said track, a hanger provided with a shank engaging said roller between its flanges, and a stop lever pivotally mounted on said track, and a pair of stops pivotally mounted on said lever on opposite side of its supporting pivot to reciprocate through the top of the track.

8. In a structure of the class described, the combination with a track comprising spaced rails, a roller traveling on said rails, a hanger provided with a shank engaging said roller between said rails, a pivotally mounted stop lever, and stops mounted on said lever one at each side of its pivot so that they are alternately projected into the path of the hangers traveling on the track.

9. In a structure of the class described, the combination of a closed track, a roller adapted to travel in said track, a hanger carried by said roller, a pivoted stop lever, and a pair of stops pivotally mounted on said lever on opposite sides of its pivot to be alternately projected into the path of the

hangers traveling on the track so that the hangers may be successively delivered from the end of the track.

10. In a structure of the class described, 5 the combination of an inclined track, a roller traveling on said track, a hanger carried by said roller, and stop means comprising a pair of stops alternately projected into the path of the rollers whereby the hangers are 10 successively delivered from the track.

11. In a structure of the class described, the combination of a track comprising top and side members, the side members having 15 inturned flanges at their lower edges providing spaced rails, a roller adapted to travel on said rails, a hanger provided with a shank engaging said roller between said rails, said track having an opening at one side and the 20 top thereof, permitting the introduction of said roller when presented sidewise thereto and the disposition of the shank between the

rails, and means for controlling the discharge of the rollers at the end of the track.

12. In a structure of the class described, the combination of a track comprising top 25 and side members, the side members having inturned flanges at their lower edges providing spaced rails, a roller adapted to travel on said rails, and a hanger provided with a shank engaging said roller between 30 said rails, said track having an opening at one side and the top thereof, permitting the introduction of said roller when presented sidewise thereto and the disposition of the 35 shank between the rails.

In witness whereof, I have hereunto set my hand and seal in the presence of two witnesses.

CHARLES L. BRALEY. [T. S.]

Witnesses:

F. A. YATES,

W. J. INGHAM.