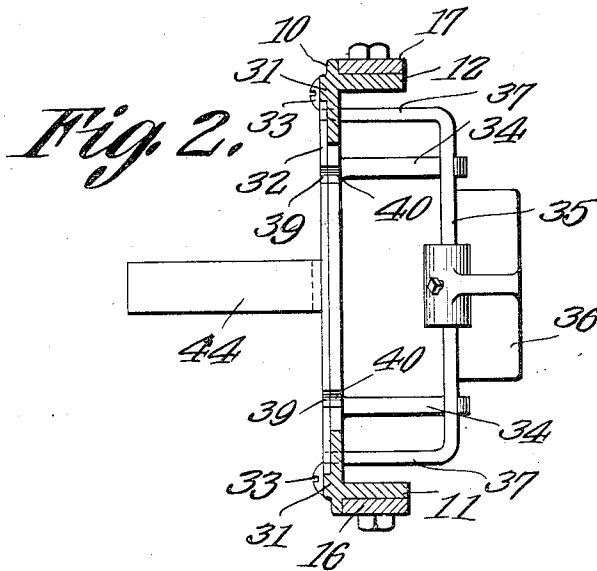
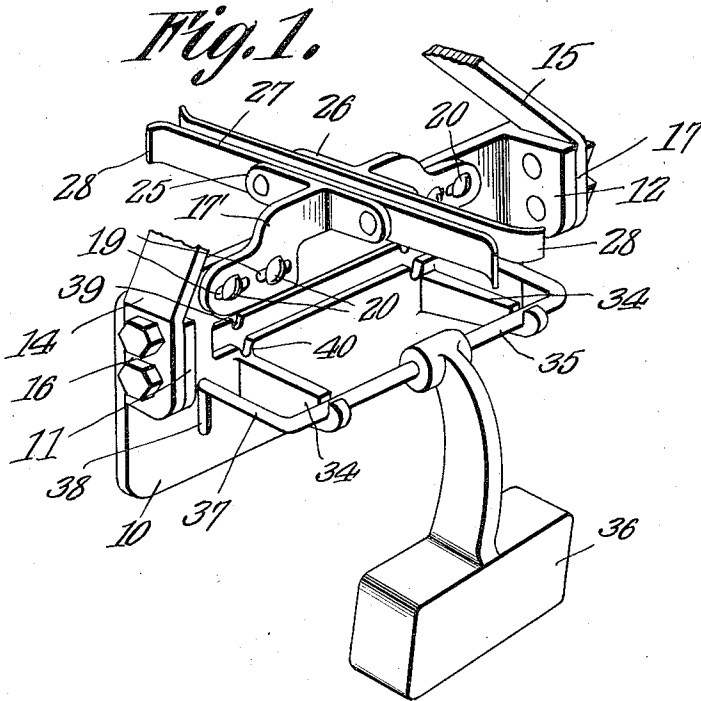


L. F. BOWERS.
STRIPPING MECHANISM.
APPLICATION FILED APR. 23, 1912.

1,060,227.

Patented Apr. 29, 1913.

2 SHEETS—SHEET 1.



Witnesses

J. P. Tomlin
L. H. Walcott

Lionel F. Bowers

Inventor,

by

C. A. Snow & Co.
Attorneys.

1,060,227.

2 SHEETS—SHEET 2.



Inventor,

J. P. Toulmin
G. H. V. Chow

by

Cashnow Co.

Attorneys •

UNITED STATES PATENT OFFICE.

LIONEL F. BOWERS, OF COLUMBIA, PENNSYLVANIA, ASSIGNOR TO COLUMBIA MANUFACTURING COMPANY, OF COLUMBIA, PENNSYLVANIA.

STRIPPING MECHANISM.

1,060,227.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed April 23, 1912. Serial No. 692,704.

To all whom it may concern:

Be it known that I, LIONEL F. BOWERS, a citizen of the United States, residing at Columbia, in the county of Lancaster and State of Pennsylvania, have invented a new and useful Stripping Mechanism, of which the following is a specification.

This invention relates to an improvement in stripping mechanisms for laundry drying rooms.

The primary object of the invention is to provide a stripper which may be disposed at any point along the conveyer and which will remove the garment from the conveyer hangers.

A further object of the invention is to provide the stripping mechanism with vertically movable weight actuated means arranged to contact with the garment carrying means of the conveyer, to wipe the same from said means without tearing or mutilating the garment.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings—Figure 1 is a perspective view, a portion of the hanger being broken away. Fig. 2 is a transverse section. Fig. 3 is a front elevation, and Fig. 4 is a section taken on the line 4—4 of Fig. 3.

In the drawings, 10 designates a plate which is formed with a plurality of lugs 11 and 12, said lugs being disposed at right angles to said plate. A plurality of hangers 14 and 15 are connected to said lugs, the offset ends 16 and 17 of said hangers being bolted or otherwise secured to the lugs. The terminals of said hangers remote from said lugs are offset and bolted or otherwise attached to the U-shaped frame 15' on the trolley track at any point along the same. Attention is called to the fact that with this construction, the stripping mechanism may be supported at any point along the trolley, wherein it is desired to remove the garment from the hangers of the conveyer. A plurality of brackets 17' and 18 are adjustably secured to the plate, said brackets

being formed with the elongated slots 19 which receive the securing devices 20, the brackets 17' and 18 bridging the distance between the terminals 22 and 24 of the plate 10. Each of these brackets is formed with the extensions 25 and 26 to which are bolted or otherwise secured, guides 27 formed with the offset terminals 28, the guides contacting with the disks 29 which are formed integral with or are attached to the hangers 30, these disks or extensions extending from either side of the hangers 30. The guides 27 contact with the disk 29 and hold the hangers 30 rigid while the garments are being removed from the same. The plate 10 is provided on its face remote from the lugs 11 and 12, and at points adjacent the edges of the plate with ribs 31, said ribs forming guides for a sliding plate 32, the plate being held against removal by screws 33 which extend within the ribs, the heads of the screws guiding the plate 32 in its vertical movement on the plate 10.

The plate 10 is provided with a plurality of arms 34 which pivotally support a U-shaped bar 35, a weight 36 being supported on said bar. The parallel extensions 37 of the U-shaped bar 35 extend through elongated slots 38 formed in the plate 10, and are attached to the vertically sliding plates 32, the weight 36 normally holding the sliding plate 32 in a raised position. This plate 32 and the plate 10 are provided with registering notches 39 and 40, this being the wiping point of the vertically extending plates, the notches receiving the garment retaining devices 41 which are attached to the arm 42 of the hangers 30.

A plate 43 is secured to the vertically movable plates 32, said plate 43 being provided with the curved extension 44 which extends in the path of the hanger 30. As one of the hangers 30 approaches the stripping mechanism, the arm 42 of the hanger 30 contacts with the curved plate 44 forcing the same downward against the tendency of the weight 36. This lowering of the plate is to allow the arm 30 to clear the stripping mechanism, it being noted that as soon as said arm 30 passes over the plate 44, that the weight 36 will immediately cause said plate to rise before the extensions 41 can pass over the same, the notched portions of the plate 32, contacting with the hangers 41 and removing the garments therefrom.

The many advantages of a stripping mechanism of this character will be clearly apparent as it will be noted that the same provides an effective stripping mechanism 5 which may be conveniently positioned at any point on the conveyer, and which will operate to remove the clothes from the hangers, without danger of mutilating the same. It will also be noted that the structure is 10 such as may be easily and economically manufactured and that the various parts may be readily assembled.

What is claimed is:—

1. In a stripping mechanism, a stationary 15 plate, guides supported by said plate, a vertically movable plate, weighted means for normally retaining said plate in a raised position, a curved member supported by said sliding plate, said curved member being 20 acted upon by a conveyer to depress said plate, said plate assuming a position to wipe the garment-carrying members of said conveyer after the same have been depressed by said conveyer.

2. A stripping mechanism, comprising a 25 stationary plate, a vertically movable plate, weighted means for normally retaining said vertically movable plate in a raised position, and means carried by the movable plate and 30 acted upon by a garment conveying mechanism to depress said plate, said plate forming a wiper to remove the garments carried by said means.

3. A stripping mechanism, comprising a 35 stationary plate, lugs formed integral with said plate, hangers secured to said lugs, said hangers being connected to the track of a conveying mechanism, guides formed integral 40 with said plates and disposed on the face of the same, remote from said lugs, a plate slidably mounted between said guides, weighted means for normally holding said plate in a raised position, means carried by 45 said plate and acted upon by said conveying means to depress said plate, said plate forming a wiping means to remove the garments carried by the conveying means.

4. A stripper, comprising a stationary

plate, arms extending from said plate, a bar 50 supported by said arms, said plate being slotted, said bar being formed with extensions arranged to extend through the slots formed in said plate, a vertically movable 55 plate connected to said arms, weighted means connected to said bar for maintaining said plate in a raised position, and means acted upon by the hangers of a conveying mechanism for depressing said plate, said plate forming a wiper to remove the 60 garments carried by said hangers.

5. A stripping mechanism, comprising a 60 stationary plate, guides supported by said plate, said guides contacting with the hangers of a conveying mechanism, a vertically movable plate, means for normally 65 retaining said plate in a raised position, and means carried by the plate and acted upon by the hangers of said conveying mechanism for depressing said plate, said 70 plate forming a wiper to remove the garments carried by said plate.

6. A stripping mechanism, comprising a 75 stationary plate, a vertically movable plate, said vertically movable plate forming a wiper, and means carried by the plate whereby said plate may be depressed by the 80 mechanism with which the wiper coacts, to allow said mechanism to pass over said wiper.

7. A stripping mechanism, comprising 85 co-acting plates, one of which is capable of movement, weighted means for normally retaining the movable plate in raised position, and means carried by the movable 90 plate and acted upon by a conveying mechanism to depress said plate, said plate forming a wiper to remove the garment carried by said means.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

LIONEL F. BOWERS.

Witnesses:

FRANK H. WEIGEL,
EDWARD M. BARTCH.