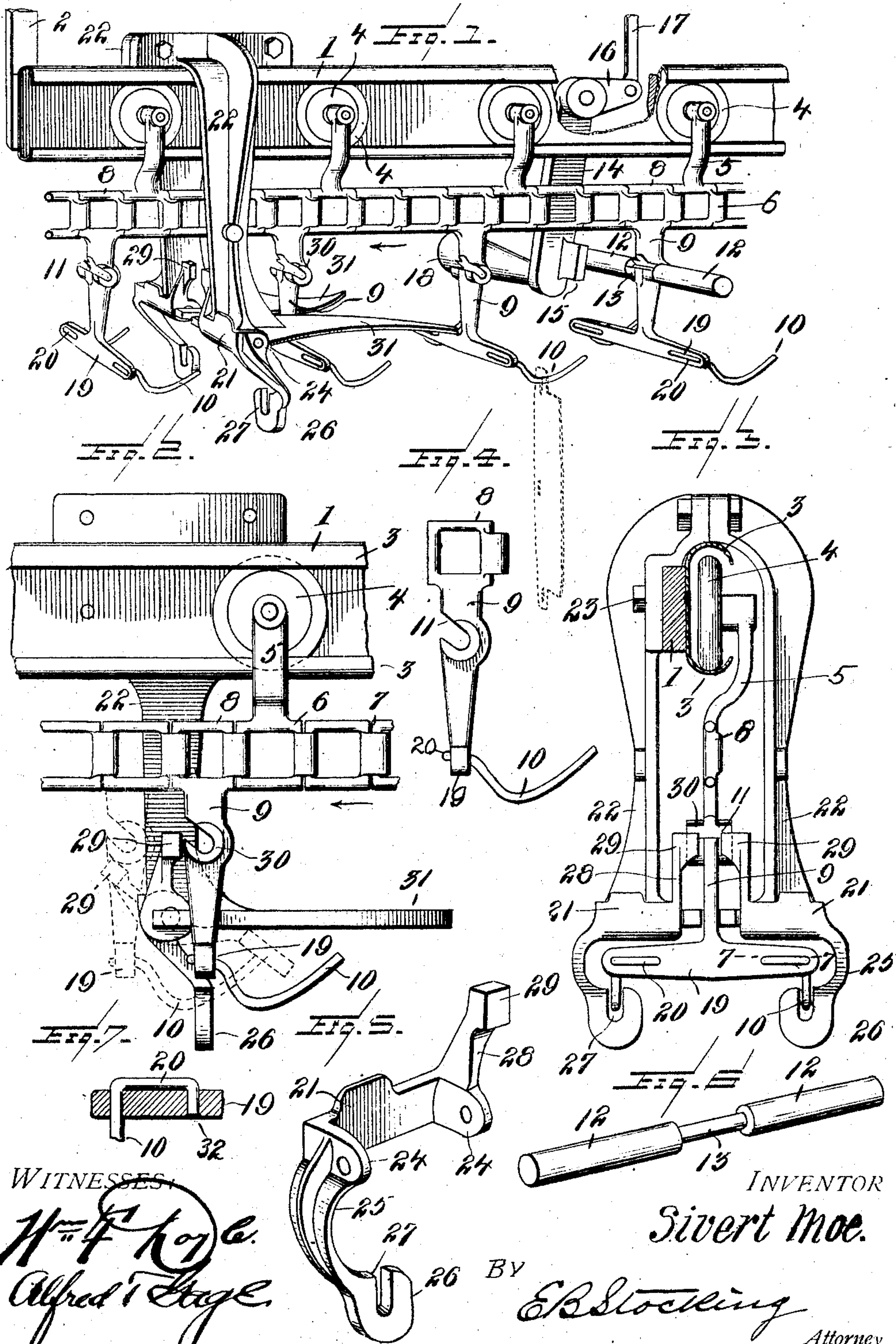


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PATENTED SEPT. 3, 1907.

S. MOE.
CONVEYER STRIPPER.
APPLICATION FILED MAY 23, 1907.



WITNESSES

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CONVEYER-STRIPPER.

No. 865,263.

Specification of Letters Patent.

Patented Sept. 3, 1907.

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To all whom it may concern:

Be it known that I, SIVERT MOE, a citizen of the United States, residing at Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Conveyer-Strippers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a conveyer stripper, and particularly to a device for removing from the conveyer the goods carried thereby.

An object of the invention is to provide a movable stripper adapted to be actuated by a traveling conveyer to remove the goods thereon.

A further object of the invention is to provide a novel and improved construction of such a stripper pivotally mounted to be engaged by a portion of the conveyer and automatically operated thereby so that the stripper will traverse the goods supporting device of the conveyer and remove the articles suspended therefrom.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawing:—Figure 1 is a perspective of the invention: Fig. 2 is an enlarged side elevation of the stripper conveyer: Fig. 3 is a vertical section there-through: Fig. 4 is a detail of one of the links of the conveyer chain carrying the goods supporting pin: Fig. 5 is a detail perspective of the conveyer: Fig. 6 is a similar view of the stop pin carried by the conveyer, and Fig. 7 is a detail section on the line 7—7, Fig. 3 showing the attachment of the goods supporting pin.

Like numerals refer to like parts in the several views of the drawing.

The numeral 1 designates the track or way which may be, of any desired character and suspended by means of hangers 2. In the present illustration this track is formed with overturned portions 3 at its top and bottom adapted to engage the periphery of the carrier wheel 4 mounted upon the standard 5 carried by one member 6 of the conveyer chain 7. This chain is adapted to travel in a vertical position, or on edge, as usual in the art of laundry dry rooms, and is provided at proper intervals with the goods supporting links 8 having depending therefrom hangers 9 which at their lower ends are supplied with carrier pins 10. These hangers are formed intermediate of the links 8 and the pins 10 with the open socket 11 adapted to receive the stop bar 12 which is provided intermediate of its ends with a reduced portion 13 adapted to seat in the recess 11 for the purpose of actuating any desired construction of power transmitting mechanism to stop the movement of the carrier when desired. One form of this mechanism may comprise the depending arm 14 provided with the inwardly extending lug 15 adapted

to be engaged by the stop bar 12, and the crank arm 16 therefrom which by means of the rod 17 extends to the proper shifting mechanism to cut off the power for the conveyer. This lever 14 is also provided with the operating handle 18 by which the mechanism may be operated by hand. The hangers 9 from the links 8 are provided with laterally extending arms 19 in which the carrier pins 10 are mounted and preferably held against movement by being extended across the back of the arm, as shown at 20 and again inserted there-through as at 32 where they are headed and thus held in position as shown in Fig. 7.

One form of stripper mechanism as herein shown comprises the rotating member 21, as shown in Figs. 3 and 5, this member being duplicated at opposite sides of the carrier and supported in the lower end of the frame 22, as shown in Fig. 3. This frame is secured to the track in any preferred manner, for instance by bolting thereto, as shown at 23. Each of the strippers is similar in operation, therefore one will be described in detail. The stripper is provided with the pivoting lugs 24 disposed at opposite sides of the yoke 22, and one of these lugs is provided with the depending member 25 having at its free end the stripping head 26 with the slot 27 therein adapted to embrace and traverse the finger 10 in the movement of the finger through the stripper during the simultaneous movement of the stripper. The opposite lug 24 is provided with a standard 28 rising therefrom provided with the operating head 29 which is adapted to be engaged by one of the lugs 30 disposed at each side of the hanger 9, and the stripper is thus oscillated upon its axis so as to traverse the pin 10 and remove the goods therefrom, as shown by dotted lines in Fig. 2. In order to guide the hangers 9 into proper relation with the operating heads 29, plates 31 are supported by the opposite sides of the hangers 22 and have a tapering entrance through which the hangers from the carrier chain pass and are brought into proper alinement to actuate the strippers. In the present form of the invention two strippers are supported by each hanger and extend therefrom parallel to the chain, but it is obvious that a single pin and stripper may be used and disposed in any desired position or relation to the chain so as to be actuated by the same in its travel to remove the goods from the hangers carried thereby.

In the operation of the invention it will be seen that the hangers from the conveyer in their movement toward the left, as indicated in Fig. 1, pass between the guide plates 31 and then engage the strippers so as to oscillate the lower end of the same upward and remove the goods from the pins, as indicated by dotted lines in Fig. 2, while in the movement of the carrier the power may be cut off therefrom when any particular lot of goods has been finished by inserting one of the

bars 12 in the hanger from the chain so as to engage the connections for that purpose.

While the specific construction and arrangement of these parts has been described, still the present invention embraces broadly the use of a movable stripper in connection with a traveling conveyer to remove the goods therefrom.

Having described my invention and set forth its merits, what I claim and desire to secure by Letters Patent is:—

1. In a conveyer stripper, a conveying device, a goods support, carried thereby, and a movable stripper mounted upon a part fixed relative to said conveyer and actuated by said conveyer to remove the goods therefrom.
2. In a conveyer stripper, a conveyer, a goods support carried thereby, and an oscillating stripper mounted upon a part fixed relative to said conveyer and adapted to be actuated by said conveyer to remove the goods therefrom.
3. In a conveyer stripper, a conveyer, a goods support carried thereby, an oscillating stripper mounted upon a part fixed relative to said conveyer and adapted to be actuated by said conveyer to remove the goods therefrom, and a stripper head adapted to traverse the goods supporting means of said conveyer.
4. In a conveyer stripper, a conveying chain, a hanger depending therefrom, goods supporting pins extending from said hanger longitudinally with said chain, a pivotally mounted stripper supported independently of the conveying chain, and means carried by said hanger to actuate said stripper.
5. In a conveyer stripper, a conveying chain, a hanger depending therefrom, goods supporting pins extending from said hanger longitudinally with said chain, a pivotally mounted stripper supported independently of the conveying chain, means carried by said hanger to actuate said stripper, and a slotted head carried by one end of said stripper to traverse said pins.
6. In a conveyer stripper, a conveying chain, a hanger depending therefrom, goods supporting pins extending from said hanger longitudinally with said chain, a pivotally mounted stripper, means carried by said hanger to actuate said stripper, a slotted head carried by one end of said stripper to traverse said pins, and an operating head carried by said stripper and disposed in the path of said hanger to be engaged thereby.
7. A chain link for a conveyer stripper provided with a depending hanger therefrom having an open sided bar slot in one face, and a goods supporting pin extending laterally from said hanger in the plane of the length of said chain.
8. A conveyer link for a stripper comprising a hanger provided with an open sided bar socket intermediate of its ends, and a goods supporting device at its lower end.
9. A conveyer link for a stripper comprising a hanger provided with an open sided bar socket intermediate of its ends, a goods supporting device at its lower end, and a bar provided with a portic intermediate of its ends to fit said socket and retain the bar against lateral movement therein.
10. A conveyer link provided with a depending hanger, a lateral arm extending therefrom, and a curved conveyer pin passing through said arm and along the rear thereof with its end inserted in the arm.
11. In a conveyer stripper, a track, a carrier wheel mounted therein, a hanger member supported by said track, a carrier chain supported from said wheel and provided with a goods support, a movable stripping mechanism carried by said member to be actuated by said chain and remove goods from said support.

anism carried by said member to be actuated by said chain and remove goods from said support.

12. In a conveyer stripper, a track, a carrier wheel mounted therein, a hanger member supported by said track, a carrier chain supported from said wheel and provided with a goods support, movable stripping mechanism carried by said member to be actuated by said chain and remove goods from said support, and inclined guide plates for guiding said goods support into contact with the operating mechanism of said stripper.

13. In a conveyer stripper, a track, a carrier wheel supported therefrom, a conveyer chain carried by said wheel, a depending hanger from said chain having lateral projections therefrom, a goods support at the lower end of said hanger, a yoke carried by said track, a stripping device carried by the lower end of said yoke and adapted to engage the lateral projection of said hanger, a goods supporting hook carried by said hanger and extending in the direction of the length of said chain, and a stripper head slotted to embrace said hook.

14. In a conveyer stripper, a track, a carrier wheel supported therefrom, a conveyer chain carried by said wheel, a depending hanger from said chain having lateral projections therefrom, a goods support at the lower end of said hanger, a yoke carried by said track, a stripping device carried by the lower end of said yoke and adapted to engage the lateral projection of said hanger, a goods supporting hook carried by said hanger and extending in the direction of the length of the chain, a stripper head slotted to embrace said hook, an operating head carried by said stripper between the yoke members, and a guide plate inwardly inclined to dispose said hanger in the path of said head.

15. In a conveyer stripper, a track, a carrier chain adapted to travel thereon, a hanger from said chain having a bar slot in its front face, a stop bar in said slot, and a cut off lever disposed in the path of travel of said bar to be actuated thereby.

16. In a conveyer stripper, a track, a carrier adapted to travel thereon, a hanger from said carrier provided with a downwardly extending slot therein, and a stop bar having a reduced portion intermediate of its ends to fit said recess.

17. In a conveyer stripper, a track, a carrier mounted to travel thereon, a support depending from said track, a stripper provided with lugs to embrace said support, a depending stripper head from one of said lugs, and an operating head extending upward from the opposite lug.

18. In a device of the class described, a goods support, an independent stripper support, a movable stripper mounted thereon, means upon the goods support to engage the stripper, and means for moving one of said supports past the other.

19. In a device of the class described, a goods support, an independent stripper support, a stripper pivotally mounted thereon and having a free end to traverse a portion of the goods support, and means for moving one of said supports past the other.

20. In a device of the class described, a conveyer provided with goods supporting means, and a movable stripper mounted independently of and actuated by said conveyer to remove the goods from said means simultaneous with the movement thereof.

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

SIVERT MOE.

Witnesses:

WM. KROGMAN,

J. WEBB GRIFFEN.