

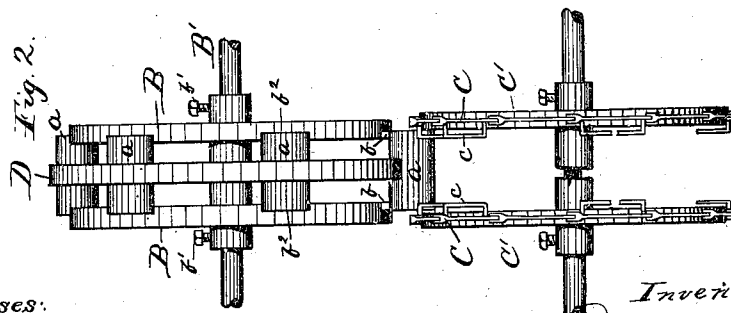
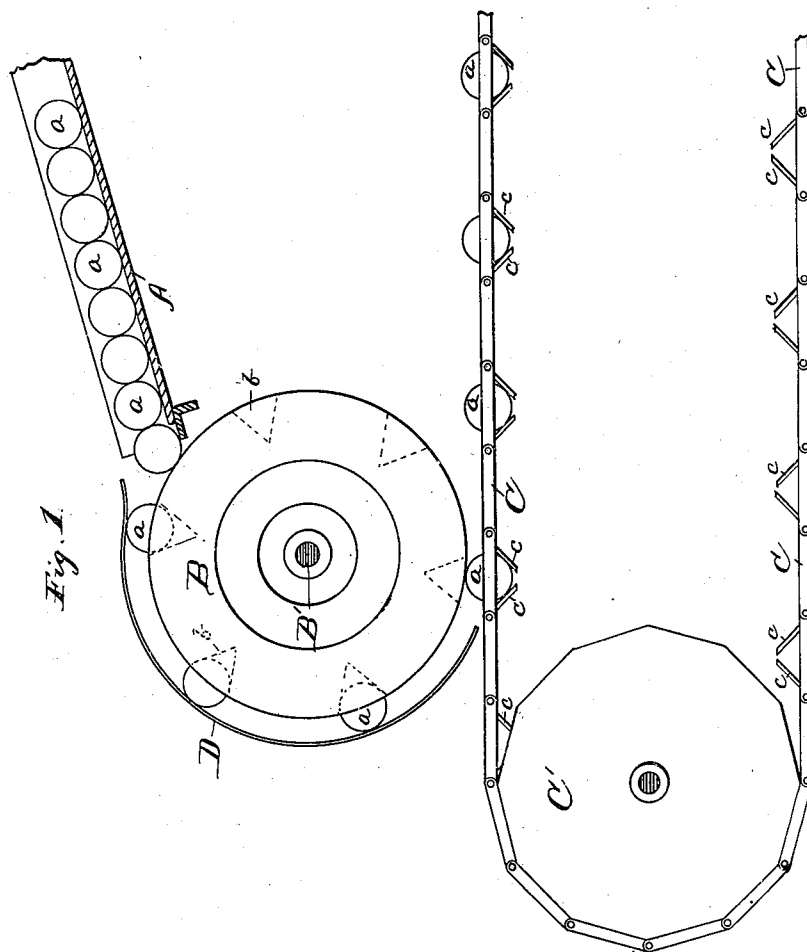
(No Model.)

E. NORTON.

AUTOMATIC CAN DELIVERING DEVICE.

No. 334,274.

Patented Jan. 12, 1886.



Witnesses:

Lew. B. Curtis
A. W. Munday.

Inventor:

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UNITED STATES PATENT OFFICE.

EDWIN NORTON, OF CHICAGO, ILLINOIS, ASSIGNOR TO HIMSELF AND OLIVER W. NORTON, OF SAME PLACE.

AUTOMATIC CAN-DELIVERING DEVICE.

SPECIFICATION forming part of Letters Patent No. 334,274, dated January 12, 1886.

Application filed December 3, 1885. Serial No. 184,646. (No model.)

To all whom it may concern:

Be it known that I, EDWIN NORTON, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Automatic Can-Delivery Devices, of which the following is a specification.

The object of this invention is to provide an automatic device to take cans from the ordinary chute from which they are delivered irregularly, and deliver them in a regular and positive manner to another moving carrier having pockets or can-receptacles at regular intervals; and to this end the invention consists, in connection with a delivery-chute, of a revolving wheel provided with pockets or receptacles for the cans in its periphery, a circular guard to retain the cans in said pockets or receptacles, and a moving carrier having pockets or can-receptacles registering with the pockets or can-receptacles on said wheel. The moving carrier to which the cans are thus delivered may be any suitable carrier—as, for example, that of a can-testing machine—and by which the cans are carried through the bath of hot water.

In the accompanying drawings, which form a part of this specification, and in which similar letters of reference indicate like parts, Figure 1 is a side elevation of a device embodying my invention, and Fig. 2 is an end view.

In said drawings, A may represent a can-delivery chute, from which the cans *a* are delivered.

B is a revolving wheel having a number of pockets or receptacles, *b*, on its periphery at regular intervals, and preferably of a V shape. The wheel B preferably consists of two sections or disks, one or both of which is made adjustable on the shaft B', so that the disks may be set closer together or farther apart to accommodate cans of different lengths.

b' b' are set-screws by which the disks may be adjusted and fixed in any position on the

shaft B'. The pockets *b* should preferably not extend entirely across the face or edge of the disks B B, so that the ends *b'* of these pockets may prevent the can from slipping endwise.

C is a moving carrier having pockets or can-receptacles *c* at intervals, which register with the pockets *b* in the periphery of the wheel B.

D is a curved guard extending partially around the circumference of the wheel B, and serving to retain the cans *a* in the pockets *b* until the same are carried around into position to be delivered to the pockets *c* in the carrier C.

C' is one of the wheels upon which the carrier is mounted. The carrier C should preferably have the same relative speed as the wheel B, and in such case the pockets *b* on the wheel should be equidistant apart, with the pockets *c* on the carrier C. If, however, the carrier and wheel have different relative speeds, the pockets on the wheel and carrier will of course be relatively located, so as to register with each other.

I claim—

1. The combination, with a revolving wheel having pockets thereon for the cans, of a delivery-chute, a curved guard, and a carrier or conveyer having pockets registering with the pockets on said wheel, substantially as specified.

2. The combination of a can-delivery chute, A, with a wheel, B, having pockets *b* on its periphery, and a carrier, C, having pockets *c* registering with said pockets on said wheel, substantially as specified.

3. The combination of a chute, A, with a wheel, B, consisting of two separate disks adjustable to or from each other and provided with pockets *b*, having ends *b'*, and a carrier, C, having pockets *c*, registering with the pockets on said wheel, substantially as described.

EDWIN NORTON.

Witnesses:

H. M. MUNDAY,
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