

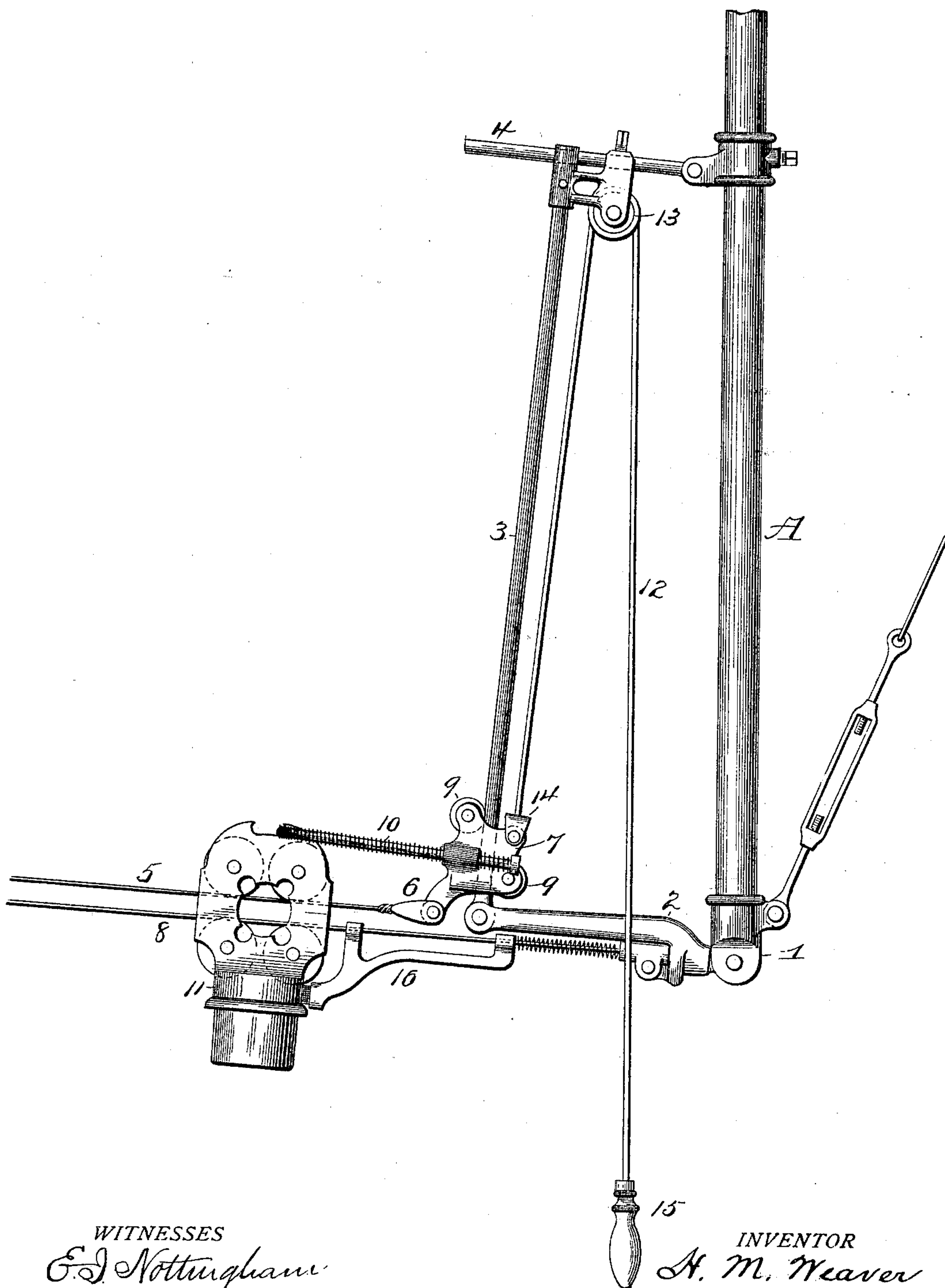
No. 626,255.

Patented June 6, 1899.

H. M. WEAVER.
STORE SERVICE APPARATUS.

(Application filed June 4, 1898.)

(No Model.)



WITNESSES
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UNITED STATES PATENT OFFICE.

HENRY M. WEAVER, OF MANSFIELD, OHIO, ASSIGNOR TO THE BARR CASH AND PACKAGE CARRIER COMPANY, OF SAME PLACE.

STORE-SERVICE APPARATUS.

SPECIFICATION forming part of Letters Patent No. 626,255, dated June 6, 1899.

Application filed June 4, 1898. Serial No. 682,567. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. WEAVER, of Mansfield, in the county of Richland and State of Ohio, have invented certain new and
5 useful Improvements in Store-Service Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and
10 use the same.

My invention relates to an improvement in store-service apparatus, and particularly to the class known as "double-wire" lines, the object being to provide a simple and durable
15 construction easy to operate and which shall be effectual in all respects in the performance of its functions.

With this end in view my invention consists in certain novel features of construction
20 and combinations of parts, as will be herein-after more fully described, and pointed out in the claims.

The accompanying drawing represents a view in side elevation of a portion of a grade-
25 line embodying my invention.

A represents a hanger or support provided at its lower end with a casting 1, to which one end of an arm 2 is pivotally connected, the opposite end of the latter being secured to the
30 lower end of guide-rod 3. The upper end of this guide-rod is connected to hanger A by a bracket 4.

One end of the propelling-wire 5 is secured to block 6, pivotally connected to a slide 7,
35 mounted on the guide-rod, while the corresponding end of stationary track-wire 8 is connected to the arm 2 at or near its pivoted end or it may be connected to said arm by means of a block or otherwise. By pivotally attach-
40 ing the arm 2 to the hanger said arm will always be disposed at the same angle as that of the stationary track-wire.

The slide 7 consists of a hollow case and is provided with two antifriction-rollers 9 9, one
45 of which is journaled in the lower end of said case and has its bearing against the back of the guide-rod 3, while the other roller is journaled in the upper end of said case and has a bearing against the front of said guide-rod.
50 The slide 7 is also provided with a spring-actuated catch 10 for engaging the upper or top

portion of the car or carrier 11 for holding same in its normal position. A cord 12 passes over a pulley 13, supported by the bracket 4, and is attached to a bail 14, carried by the
55 upper inner end of slide 7, or, if desired, the cord may be secured directly to the slide. The lower end of said cord is provided with the usual handle or pull 15 to operate the same.

The stationary track 8 is provided with a spring-actuated buffer 16; but I do not wish it understood that I confine myself to the construction of the buffer shown, as many other
60 forms of buffers might be utilized with equally as good results.

It will be readily seen that when the operator pulls downward upon the handle 15 the slide 7 will start to ascend, the car or carrier being released as soon as the spring-actuated
70 catch is elevated slightly above said car or carrier, and as the propelling-wire is carried by said slide the car or carrier will be rapidly propelled along the wire by the spreading of the wire behind the car or carrier. When the
75 handle 15 is released, the slide and connected track-wire and catch return to their normal positions, and the car or carrier when returned is stopped by the buffer 16 and locked in its normal position by the spring-actuated catch 10.

It is evident that changes in the construction and relative arrangement of the several parts might be made without avoiding my invention, and hence I would have it understood that I do not restrict myself to the particular construction and arrangement of parts
80 shown and described; but,

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

1. In a cash-carrier apparatus, the combination with a hanger, an arm projecting laterally from the upper end thereof, and a guide-rod attached to said arm, of a lower arm pivotally attached at one end to the lower end of
95 the hanger and connected at the other end to the guide-rod, a slide on the guide-rod, a stationary track-wire secured to the pivoted arm inwardly of its free end and disposed parallel with said pivoted arm and a propelling-wire
100 attached to the slide.

2. In a cash-carrier apparatus, the combi-

nation with a hanger, an arm projecting laterally from the upper end thereof, and a guide-rod attached to said arm, of a lower arm pivotally attached at one end to the lower end of
5 the hanger and connected at the other end to the guide-rod, a slide on the guide-rod, said slide carrying a propelling-wire, a stationary track-wire secured to the pivoted arm inwardly of its free end and disposed so as to
10 be normally parallel with said pivoted arm

and a spring-actuated buffer supported on the stationary track-wire at a point near the hanger.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

HENRY M. WEAVER.

Witnesses:

H. B. DRILAM,

E. L. MARSHALL.