

(No Model.)

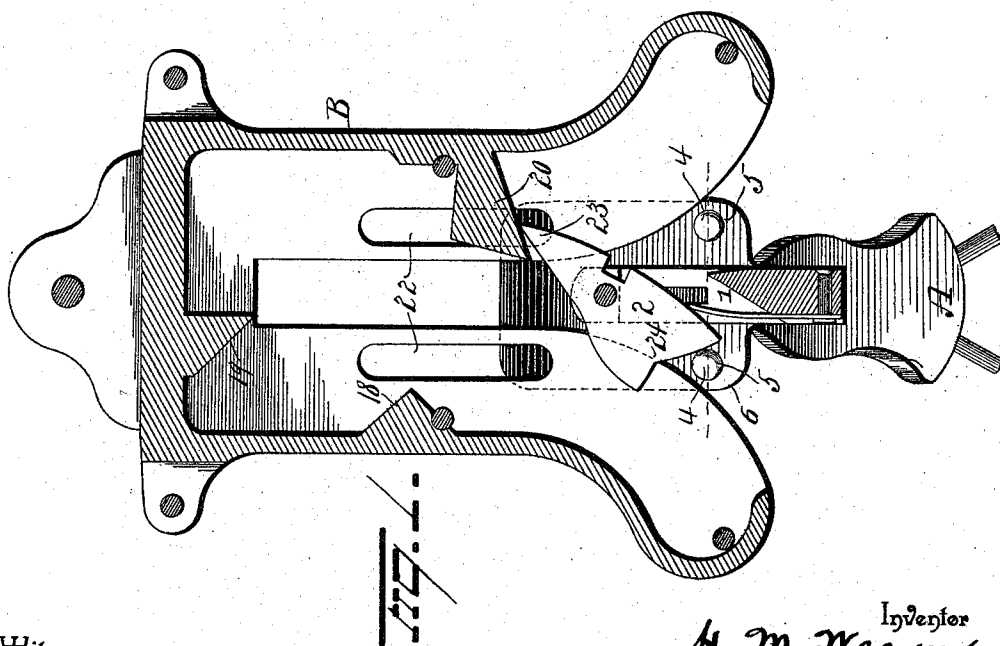
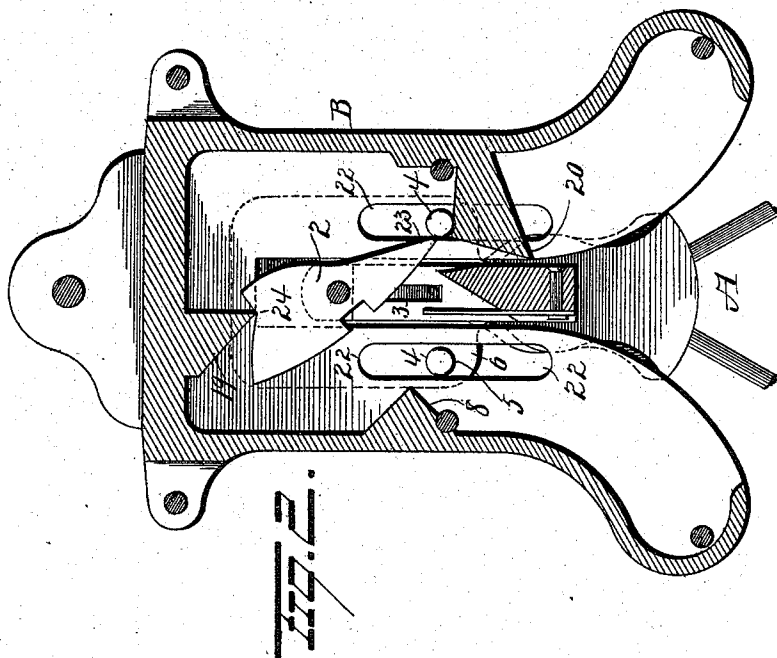
3 Sheets—Sheet 1.

H. M. WEAVER.

BASKET BAIL OR FORK.

No. 570,438.

Patented Oct. 27, 1896.



Witnesses
E. J. Nottingham.
G. F. Downing.

Inventor
H. M. Weaver
By *H. A. Seymour*
Attorney

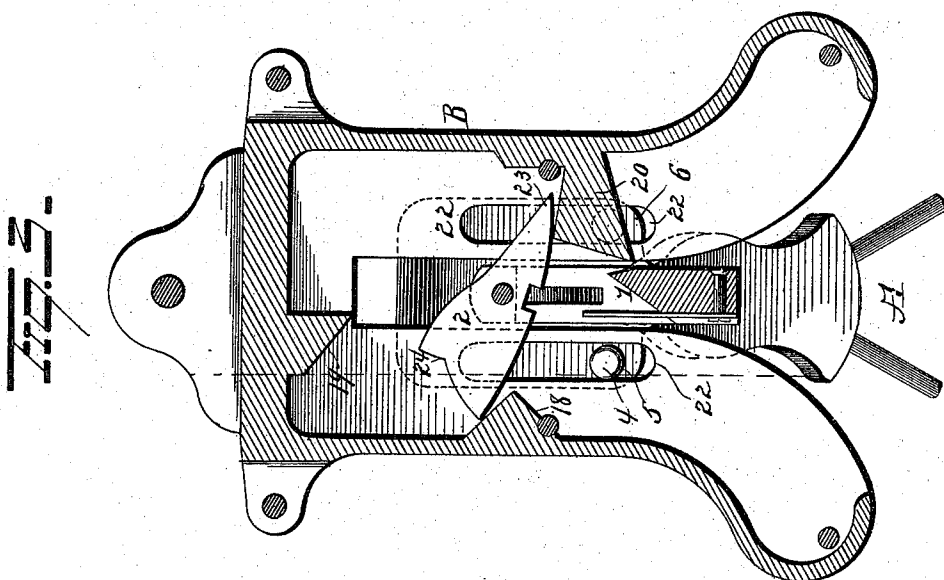
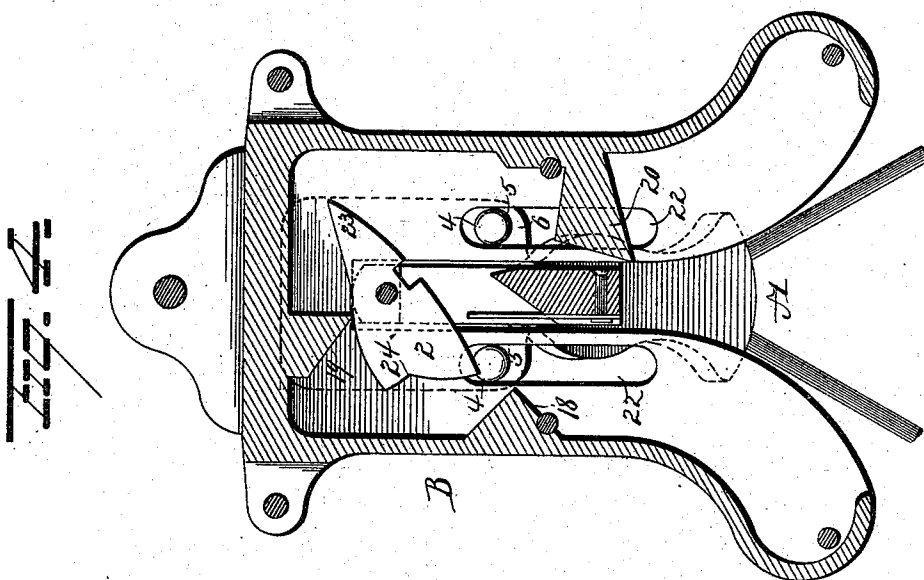
(No Model.)

3 Sheets—Sheet 2.

H. M. WEAVER.
BASKET BAIL OR FORK.

No. 570,438.

Patented Oct. 27, 1896.



Witnesses:
E. J. Nottingham
G. F. Downing

Inventor
H. M. Weaver
By *H. A. Seymour*
Attorney

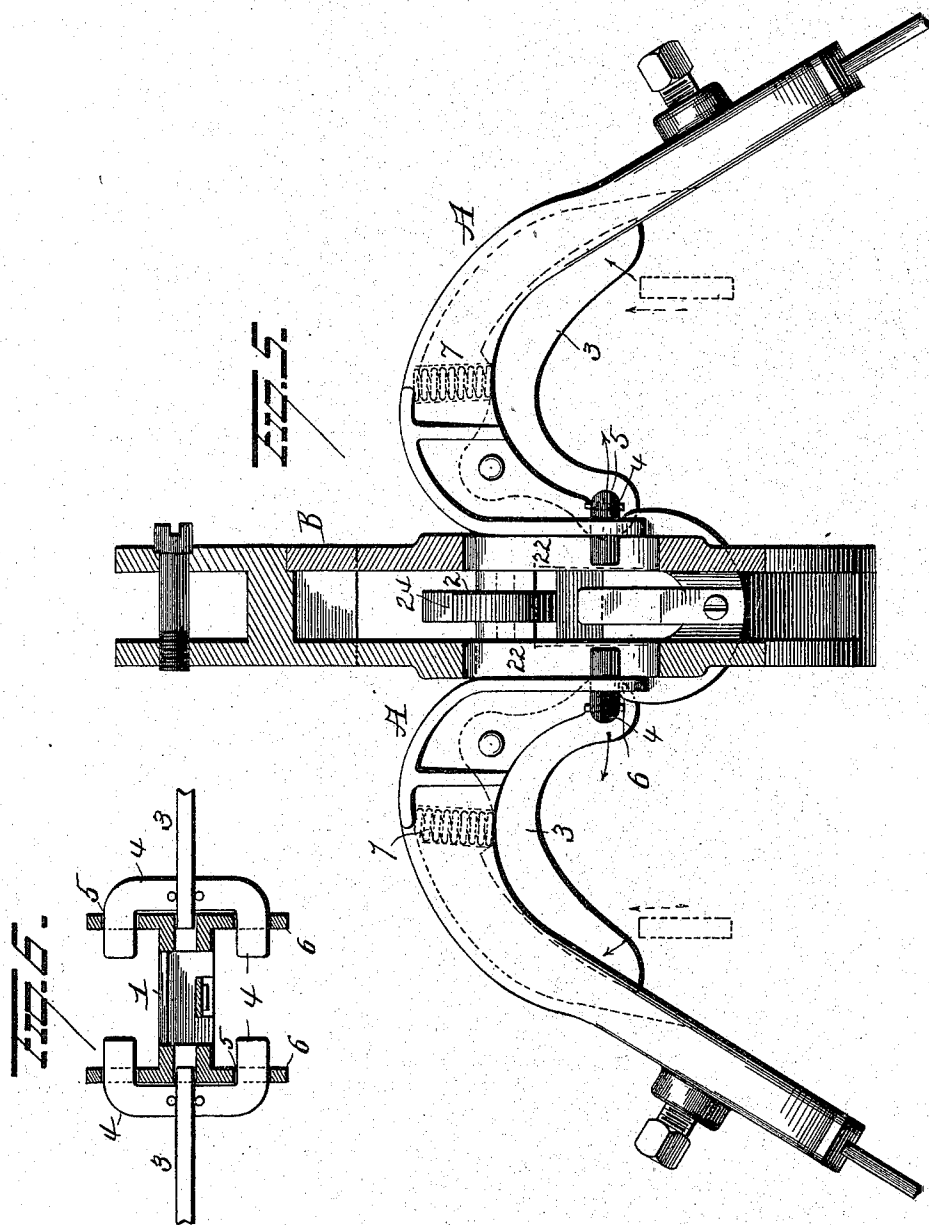
(No Model.)

3 Sheets—Sheet 3.

H. M. WEAVER.
BASKET BAIL OR FORK.

No. 570,438.

Patented Oct. 27, 1896.



Witnesses
E. S. Nottingham
G. F. Downing

Inventor
H. M. Weaver
By *H. A. Seymour*
Attorney

UNITED STATES PATENT OFFICE.

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

BASKET BAIL OR FORK.

SPECIFICATION forming part of Letters Patent No. 570,438, dated October 27, 1896.

Application filed June 2, 1896. Serial No. 594,025. (No model.)

To all whom it may concern:

Be it known that I, HENRY M. WEAVER, a resident of Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Basket Bails or Forks; 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 use the same.

My invention relates to an improvement in basket bails and forks for cash and package carriers, the object being to provide against the accidental dropping of the basket from the carrier, it being an improvement on the Otto Konigslow patent, No. 513,512, granted January 30, 1894, and consisting in certain novel features of construction and combinations of parts which will be hereinafter described and pointed out in the claims.

In the accompanying drawings, Figures 1, 2, 3, and 4 are views showing the different positions assumed by the toggle or tumbler. Fig. 5 is a view of the bail; and Fig. 6 is a horizontal sectional view through the staple-bolts.

A represents the bail of the basket, it being provided with the restricted central portion 1, and pivoted to it is the toggle or tumbler 2, as in the Konigslow construction. The latches 3 3, however, are different, and in this particular portion of the invention reside my improvements. Instead of these latches reaching into the restricted center of the bail and engaging and locking the tumbler or toggle, they are pivotally connected at their inner ends to the staple-bolts 4 4, which latter slide loosely in and out and are guided in their movements by the holes 5 5 in the guards or flanges 6 6, springs 7 7 in the bail back of these latches normally holding them downward and the staple-bolts inward over the narrow or restricted center 1.

B is the depending fork which receives the bail A and to which the latter is locked. This fork has precisely the same internal construction as the Konigslow fork, that is to say, it has the three projections 18, 19, and 20 adapted to turn, control, and support the toggle or tumbler 2, whereby to effect a locking of the bail within the fork, and, in addition

to these features it possesses in common with the Konigslow device, it has the four elongated vertical slots 22 22, which receive the staple-bolts 4 4 as they are released to prevent the descent of the bail from the fork.

The invention is operated in the following manner: The usual lifting-hooks, taking under the bail, elevate the latches 3 3 when the hook is raised, removing the bolts 4 4 from the path of the hooks. The point 23 of the tumbler or toggle engages the under side of the projection 20, as in Fig. 1, and as the bail is raised still higher the tumbler or toggle swings to the position shown in Fig. 2, the notch 24 in its heavier end receiving the projection 19. The operator now lets go or releases the hook and the bail drops, the tumbler or toggle assuming the position shown in Fig. 3 and the staple-bolts 4 4 entering the slots 22 22. Thus while the toggle or tumbler itself ordinarily locks the bail in the fork, yet to doubly guard against the danger of accidents, the bolts by shooting forward into the slots absolutely prevent accidental dropping or displacement of the basket. To release the bail from the fork, another upward pull is given the bail. This causes the tumbler or toggle to swing by its own gravity into the position shown in Fig. 4, and the latches 3 3, resting with the weight of the basket upon the hook, cause the staple-hooks to withdraw from the slots, causing a release of the basket from the fork. So it will be seen that the accidental dropping of the basket is absolutely precluded, and while there was a possibility of the tumbler or toggle in the Konigslow device failing to act promptly, in this device such failure is beyond the realm of possibility, and it is evident that the toggle or tumbler might be dispensed with altogether, as well as the projections inside the fork, and that other slight changes might be made without departing from the spirit and scope of my invention. Hence I do not wish to limit myself to the exact construction herein set forth, but,

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

1. The combination with a fork having openings or slots therein, of a bail, slide-bolts

therein, and latches loosely connected with the bolts and in position to be operated by the hook in raising the basket, substantially as set forth.

5 2. The combination with a bail, a pair of staple-bolts, and pivoted latches for controlling said bolts, of a fork having openings to receive said bolts, substantially as set forth.

10 3. The combination with a bail having guards or flanges with holes therein, staple-bolts arranged to slide in said holes and spring-actuated pivoted latches loosely connected with the bolts, of a fork having openings therein in its sides to receive these bolts,
15 substantially as set forth.

4. The combination with a fork having projections therein and elongated slots in the sides, of a bail, a pivoted toggle or tumbler which engages and is controlled by the projections, slide-bolts and spring-actuated 20 latches connected with the bolts for sliding them, substantially as set forth.

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

HENRY M. WEAVER.

Witnesses:

C. S. MCCLELLAN,
F. M. WELTY.