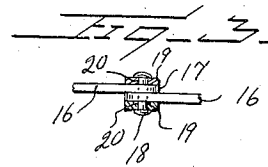
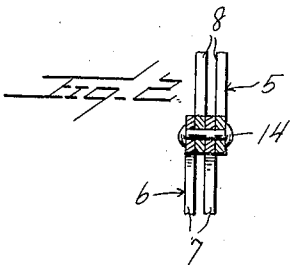
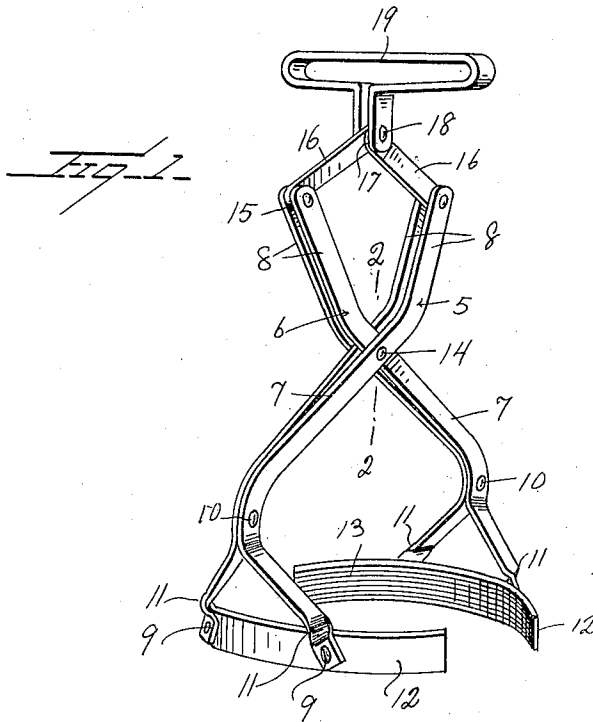


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CONTAINER LIFTER AND CARRIER.
APPLICATION FILED SEPT. 16, 1919.

1,330,487.

Patented Feb. 10, 1920.



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FRANK MULLEN, OF RAMEY, PENNSYLVANIA.

CONTAINER LIFTER AND CARRIER.

1,330,487.

Specification of Letters Patent.

Patented Feb. 10, 1920.

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To all whom it may concern:

Be it known that I, FRANK MULLEN, a citizen of the United States, residing at Ramey, in the county of Clearfield and State of Pennsylvania, have invented certain new and useful Improvements in Container Lifters and Carriers, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to container lifters and carries, and particularly to a device for lifting cans, and has for its object to provide a device of this character capable of being easily applied to a can and arranged to permit the user to lift and carry the can with one hand without danger of the lifter becoming disengaged from the can.

Another object is to provide a device of this character including a pair of arms, each arm comprising a pair of elongated members, one member of each pair being interposed between the elongated members of the adjacent pair and in cross relation thereto, the separated ends of each pair of elongated members caused by the intersection of the members serving as sockets to pivotally support the connecting links of the arms.

Another object is to provide a device of this character including a pair of arms each comprising a pair of elongated members secured to each other adjacent their lower ends, the lower ends diverging and arranged to firmly support a segmental jaw and force it into engagement at all points with the container to be lifted.

These objects are attained by the mechanism illustrated in the accompanying drawings, in which:—

40 Figure 1 is a perspective view of a lifter constructed in accordance with my invention;

Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1;

45 Fig. 3 is a top plan view of the pivotal connection of the links and handle, the handle being shown in section.

Referring to the drawings, 5 indicates one arm of the lifter and 6 the other arm. Each arm comprises a pair of elongated members 50 7 having their upper ends 8 extending upwardly in angular relation to the body portion of the arms. The lower portions are secured to each other by a rivet 10 adjacent the ends 9, the ends 9 diverging from the secured portion and are skewed, as at 11. Secured to the skewed ends is a segmental

gripping jaw 12 having a lining 13 of corrugated rubber on its inner face to protect the container. The upper ends 8 of the elongated members are spread to permit an elongated member of one pair to be disposed between the elongated members of the adjacent pair in cross relation thereto, the arms being pivoted to each other at said crossing by a pin 14. The upper ends 65 of each pair are disposed in spaced relation to each other in view of the interpositioning of the elongated member of the adjacent pair and thereby provide sockets 15. Pivoted at one end in the socket 15 of each pair of elongated members is a link 16, the remaining end 17 of each link being pivoted to each other, as at 18. A handle 19 is provided and comprises an elongated strip having its ends bent upon themselves and extended downwardly, the ends being apertured, as at 20, and are pivotally connected, as at 18, to the ends of the links 16.

In use, by depressing the handle 19 the links 16 cause the upper ends of the arms 5 and 6 to diverge and permit the segmental jaws 12 to engage the container. When the handle is raised upwardly in the lifting operation, the links 16 cause the jaws 12 to firmly engage the container and as long as 85 the lifter and the container are suspended, the jaws 12 will firmly engage the can without danger of dropping the same.

From the foregoing, it will be readily seen that by the novel arrangement of the elongated members forming each arm, each portion of said members performs an important function so that no material is wasted in the construction of this lifter. In addition to this, the novel pivotal connection of the arms to each other efficiently supports each member of the arm, while the divergent ends of each pair of elongated members are connected to each segmental jaw at a point between the ends of the jaw 100 and its intermediate portion, which causes the jaw to firmly engage the container at all points. Furthermore, the novel construction of the handle permits a firm grip on the lifter and at the same time, in view of the novel link connection, eliminates the use of an additional handle and thereby permits the user to operate two lifters at one time by carrying a can with each hand.

I claim:—

In a device of the character described including a pair of arms, each arm compris-

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ing a pair of elongated members secured to each other adjacent their lower ends, said lower ends diverging from the secured portion, a segmental jaw carried by said divergent ends, one elongated member of the pair of one arm being interposed between the pair of elongated members of the other arm in cross relation and pivoted to each other, the upper ends of each pair of elongated members of each arm being disposed

in spaced relation to each other, a link pivoted between said upper ends of the elongated members of each pair, the other ends of said links being pivoted to each other, and a handle carried by the last mentioned pivotal connection of the links.

In testimony whereof I hereunto affix my signature.

FRANK MULLEN.