

May 10, 1932.

E. L. LONGAKER

1,857,598

DETACHABLE CARRIER

Filed Feb. 27, 1930

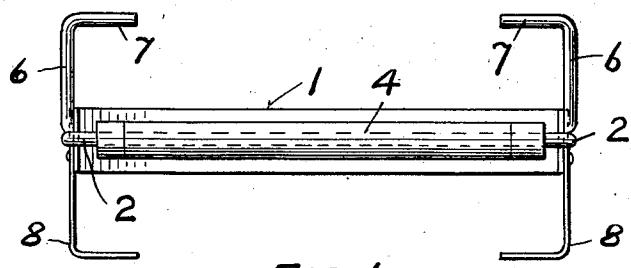


FIG. 1.

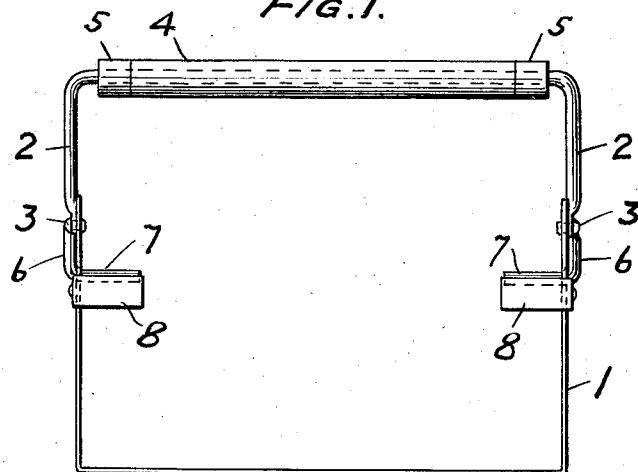


FIG. 2.

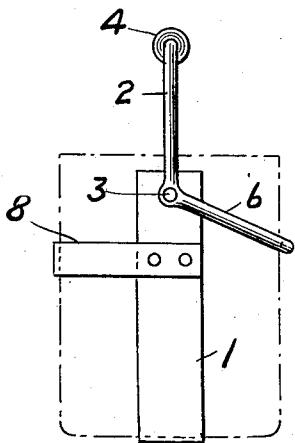


FIG. 3.

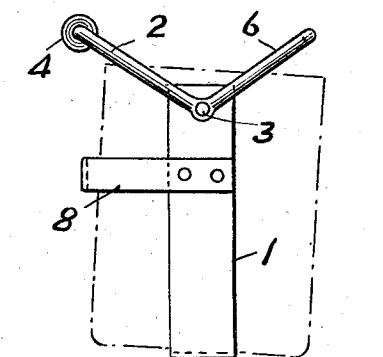


FIG. 4.

WITNESS:

Robert P. Kitchell

INVENTOR

Edgar L. Longaker
BY
Augustus B. Strongton,
ATTORNEY.

Patented May 10, 1932

1,857,598

UNITED STATES PATENT OFFICE

EDGAR L. LONGAKER, OF TRAPPE, PENNSYLVANIA

DETACHABLE CARRIER

Application filed February 27, 1930. Serial No. 431,772.

The object of my invention is to produce a detachable carrier for rectangular objects, such as, for example, storage batteries having containers of hard rubber, wood or glass.

5 For a more complete exposition of my invention reference may be had to the annexed drawings and specification at the end whereof my invention will be specifically pointed out and claimed.

10 In the drawings,

Figure 1 represents a plan view of my device.

Figure 2 represents a side elevation.

15 Figure 3 is an end elevation showing diagrammatically the device as applied to an object to be lifted.

Figure 4 is an end elevation similar to Figure 3 showing the handle in another position.

20 My device consists of a U-shaped frame 1 for the construction of which sheet steel is a suitable material. At the upper end of frame 1 is pivotally mounted handle 2 on rivets 3. A suitable material for the construction of handle 2 is wrought iron. Handle 2 may, if desired, carry a grip 4 thereon which may be made of maple wood or other material and which may be secured to handle 2 by ferrules 5 which may be of brass. The grip element 4 may be omitted or may be secured to handle 2 in any other suitable manner.

25 Integral with or otherwise actuated by handle 2 are hooks 6 having extensions 7 thereon extending parallel to the bottom of frame 1. Extending from frame 1 on the opposite side to hooks 6 are stops 8 which are suitably made of sheet steel and secured to frame 1 in any convenient manner. The entire device may 30 be protected against acid or rusting by painting with a suitable paint, preferably acid proof or in any other desired manner.

35 As shown in Figures 3 and 4 my device is applied to lifting a storage battery or other object. The object is first tilted slightly, as seen in Figure 4, so that the frame may be slid beneath the object until stops 8 come in contact with the lateral walls thereof. Handle 2 is then lifted whereby hooks 6 are actuated so that extensions 7 embrace the opposite

lateral wall of the object to be lifted so that the object may be carried from handle 2.

Claim:

A detachable carrier for storage batteries including in combination a U-shaped frame 55 adapted to underlie the bottom of and embrace the sides of a storage battery, a handle pivotally mounted on said U-shaped frame adjacent its top, stops extending laterally from said frame to embrace corners of said 60 storage battery, and hooks extending from said frame opposite to said stops and pivotally mounted on the same pivot as said handle to be actuated by said handle. 65

EDGAR L. LONGAKER. 65

70

75

80

85

90

95

100