

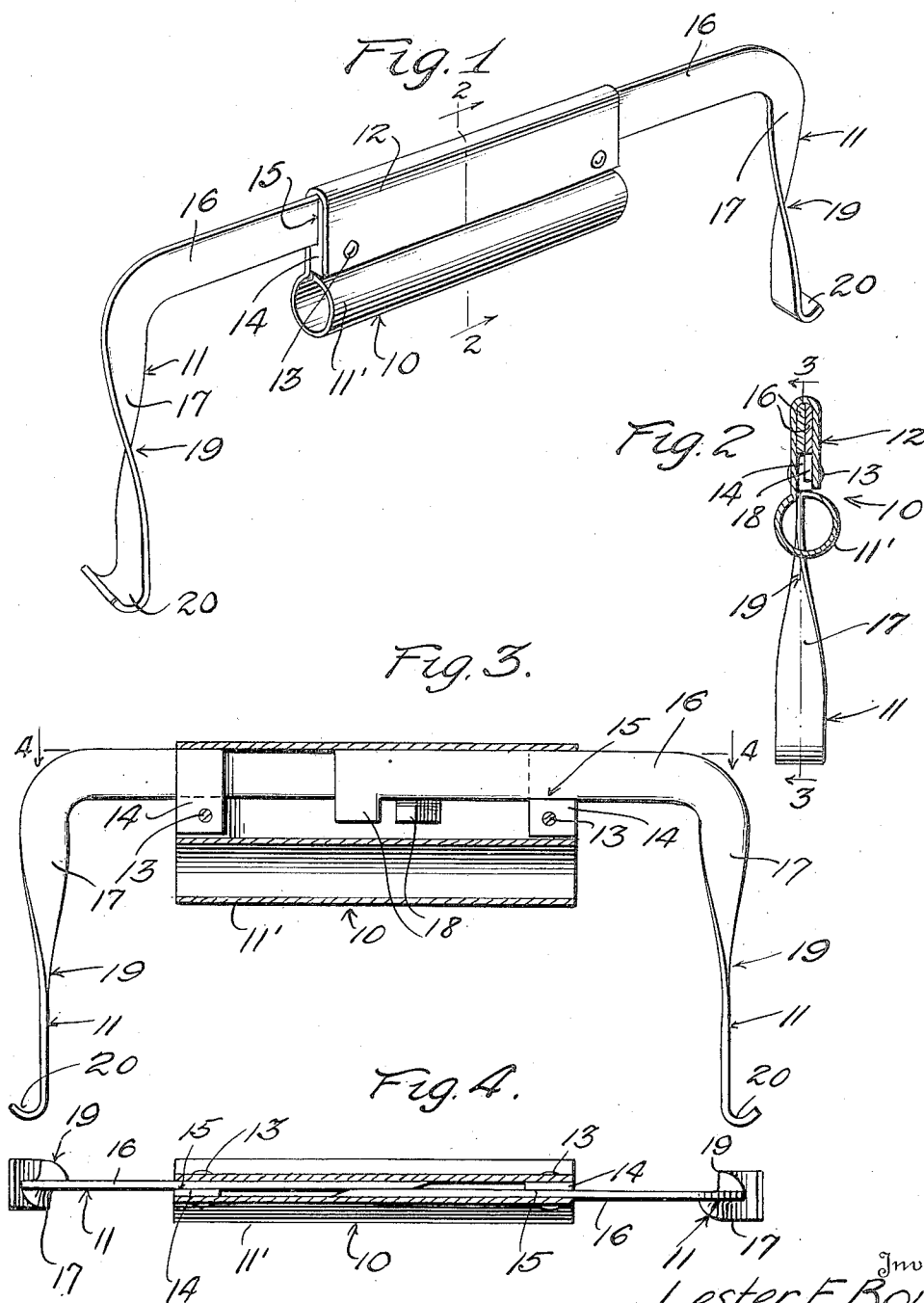
April 1, 1924.

1,489,112

L. E. BOWLES

BATTERY CARRIER

Filed Aug. 17, 1922



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UNITED STATES PATENT OFFICE.

LESTER E. BOWLES, OF CLINTON, INDIANA.

BATTERY CARRIER.

Application filed August 17, 1922. Serial No. 582,475.

To all whom it may concern:

Be it known that I, LESTER E. BOWLES, a citizen of the United States, residing at Clinton, in the county of Vermilion, State of Indiana, have invented certain new and useful Improvements in Battery Carriers; 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.

This invention relates to new and useful improvements in carriers, and particularly to devices for carrying storage batteries.

The principal object of the invention is to provide a handle by means of which storage batteries may be easily carried from place to place, or lifted from floor or automobile to workbench.

Another object is to provide a device of this character which is simple in construction, formed from few parts, thus rendering the manufacture cheap, and which is capable of easy adjustment to fit different batteries.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a perspective view of a handle made in accordance with the invention.

Figure 2 is a vertical transverse sectional view on the line 2—2 of Figure 1.

Figure 3 is a vertical longitudinal sectional view on the line 3—3 of Figure 2.

Fig. 4 is a horizontal longitudinal sectional view on the line 4—4 of Figure 3.

Referring to the accompanying drawing it will be seen that the device includes the hand-grip portion 10, and the battery engaging arms 11, slidably carried by the hand-grip portion.

The portion 10 is formed from a sheet of metal which is rolled to form the tubular finger engaging portion 11', and the rebent upper flat portion 12. Within each end of the flat portion 12 is secured, by means of the rivet 13, a plug 14, and each plug is cut out in its upper corner portion to form

a passage 15, to which more particular reference will be made later herein.

Each of the battery engaging members 11 is formed from an elongated strip of metal, and includes the right angularly extending arms 16 and 17, the former of which is slidably disposed through the passage 15, of a plug 14, and into the flat portion 12 of the hand-grip. The end of the arm 16, which is disposed within the flat portion 12, is formed with an angularly extending lug 18 which is arranged to engage with the plug 14 to prevent the arm being completely withdrawn from the hand-grip, as will be readily understood. This inner end of the arm 16 is beveled, to permit ready and easy passage of this end with respect to the corresponding end of the other arm 16, and whereby danger of the said ends abutting, and preventing proper adjustment of the members 11, is completely obviated.

The other arm 17, of each member 11 is twisted, as at 19, to lie in a plane at right angles to that of the arm 16, and the outer extremity of the arm 17 is bent outwardly at an angle, as shown at 20, for the purpose of engagement with a portion of a storage battery, with which the invention is adapted for use.

It will readily be seen that by sliding the members 11 into and out of the hand-grip 10, the distance between the arms 17 may be varied, thus permitting the said arms to properly engage with storage batteries of different sizes.

What is claimed is:

1. An article carrier including a hand-grip, the hand-grip having a longitudinal passage therethrough, a pair of article engaging angle members each having one of its arms slidably in the said longitudinal passage, and means in each end of the hand-grip for engagement by the said arms to limit the outward sliding movement thereof, the inner ends of said arms being formed for ready movement past each other within the hand-grip.

2. An article carrier comprising a hand-grip having a longitudinal passage in its upper portion, closure members in each end of the passage formed with passages, an

angular member having an arm slidable through a closure passage and into the longitudinal passage and having a lateral terminal lug for engagement with the closure member to prevent removal of the arm, the other arm of each angular member having an article engaging means, the hand-grip receiving ends of the first arms

being beveled for proper passage within the hand-grip.

In testimony whereof I affix my signature, in the presence of two witnesses.

LESTER E. BOWLES.

Witnesses:

FRANK BOWLES,
ADAM WEIR.