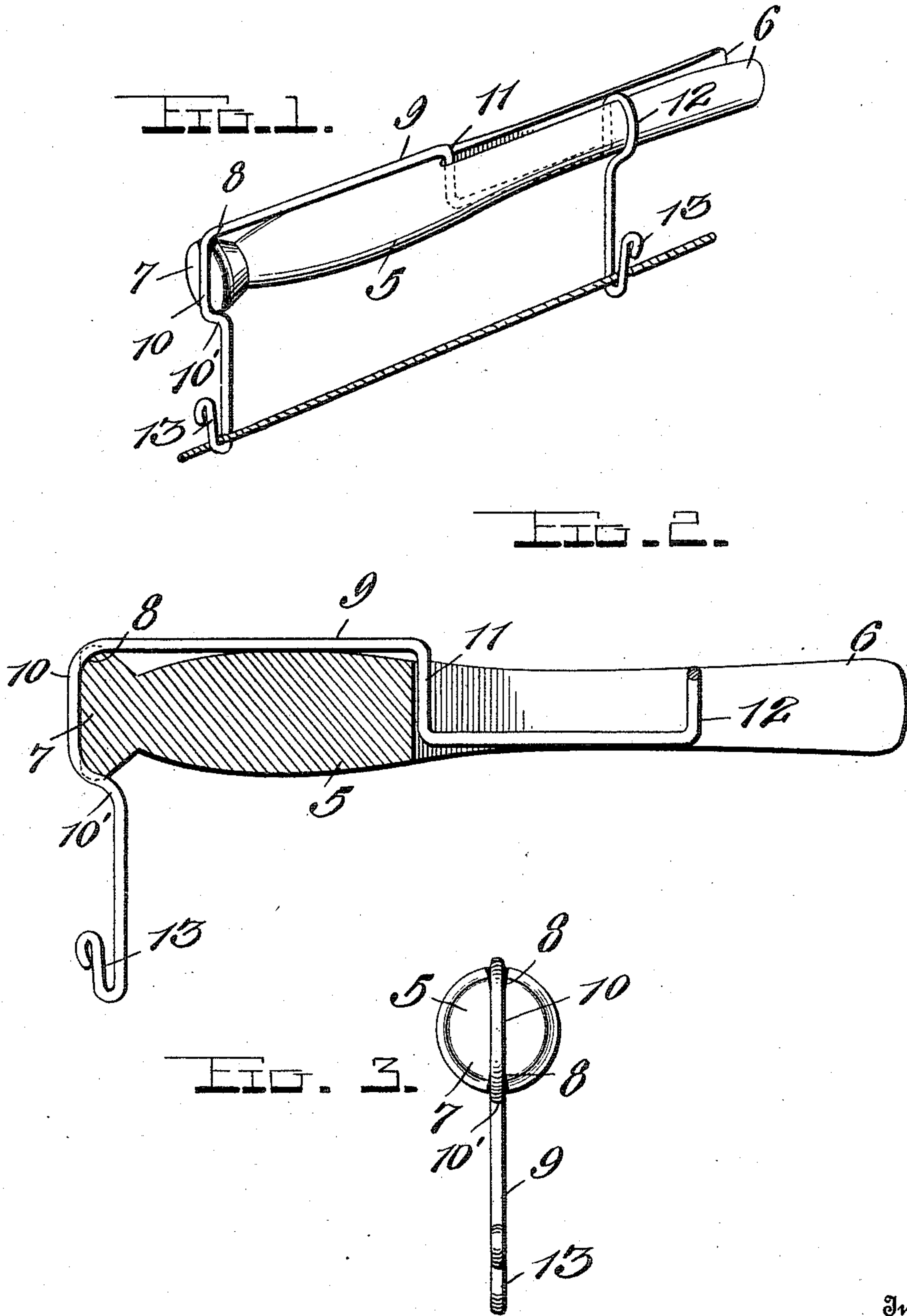


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DETACHABLE HANDLE.  
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998,729.

Patented July 25, 1911.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## DETACHABLE HANDLE.

998,729.

Specification of Letters Patent.

Patented July 25, 1911.

Application filed November 28, 1910. Serial No. 594,512.

*To all whom it may concern:*

Be it known that I, ARTHUR L. WILLIAMS, a citizen of the United States, residing at Brockton, in the county of Plymouth and State of Massachusetts, have invented certain new and useful Improvements in Detachable Handles, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to detachable handles for carrying parcels and heavy bundles.

The primary object of the present invention is to provide an extremely simple and efficient device of this character which may be easily and quickly secured to the binding cord of the parcel so that it may be conveniently carried from place to place.

A further object of the invention is to provide a parcel carrying device which may be constructed at an extremely low cost, said device consisting of the ordinary clothes pin having removably arranged in combination therewith a wire cord engaging device, said pin forming a suitable handle.

25 With the above and other objects in view, the invention consists of the novel features of construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

30 Figure 1 is a perspective view of a detachable handle constructed in accordance with the present invention, showing the same attached to the wrapping or binding cord of a parcel; Fig. 2 is an enlarged detail longitudinal section; Fig. 3 is an end view.

Referring in detail to the drawing 5 designates a common ordinary clothes pin such as is used in most every household. This pin 40 consists of a body bifurcated at one end to form the prongs 6, the other end of the pin being provided with a head 7. As clearly shown in Fig. 3 of the drawings this head is provided in its periphery, at diametrically 45 opposite points, with the notches 8 which are designed to perform a very important func-

tion in the application and retention of the handle member proper upon the pin.

The handle proper is formed from a single length of wire 9 of the proper gage so that 50 the same will not easily bend or be distorted, and is bent adjacent to one end as shown at 10 for engagement upon the head 7 of the pin. The wire then extends longitudinally upon the pin and is bent as shown at 11 and 55 extended into the inner end of the slot or bifurcation of the pin. The wire is then again extended longitudinally in the bifurcation and between the prongs 6 and adjacent to its other end is upwardly bent and 60 looped as at 12. The end portions of the wire extend transversely to the pin 5 and have the hooks 13 formed upon their extremities. The pin 5 is slightly longer than the width of the average person's hand and 65 the loop 12 of the wire is engaged over one of the prongs of the pin at some distance from its end. The bend 10 of the wire extends over the head of the pin and then inwardly upon the opposite side of the pin 70 head as shown at 10'. The opposite ends of this bent portion are adapted to closely engage in the notches 8 of the pin head thereby holding the portion of the wire extending longitudinally upon the pin and the end 75 thereof against transverse movement. The other portion and end of the wire is effectually held against transverse movement by the loop 12 engaging over the prong of the pin. The wire handle member is effectually 80 held against longitudinal movement by the close engagement of the bent portion 10 thereof with the pin head.

Having thus described the invention what is claimed is:— 85

In a device of the character described, the combination with a pin longitudinally bifurcated to form spaced prongs, of a wire longitudinally disposed upon said pin and having an offset portion intermediate of its 90 ends extending in parallel relation to said longitudinal portion of the wire, said offset



portion being disposed between the prongs of the pin, one end of said wire being bent at right angles and closely engaged with the head of the pin, the other end of said wire  
 5 having a loop at the end of the offset portion disposed in a plane at right angles thereto and embracing one of the prongs of the pin, the ends of said wire extending at right an-

gles to the pin and having hooks formed thereon.

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

ARTHUR L. WILLIAMS.

Witnesses:

ROLAND P. KELLEY,

ARTHUR W. TISDALE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D.C."