No. 816,473. PATENTED MAR. 27, 1906.

O. JOHNSON.

CARRIER.

APPLICATION FILED NOV. 8, 1905.

Fig. 1.

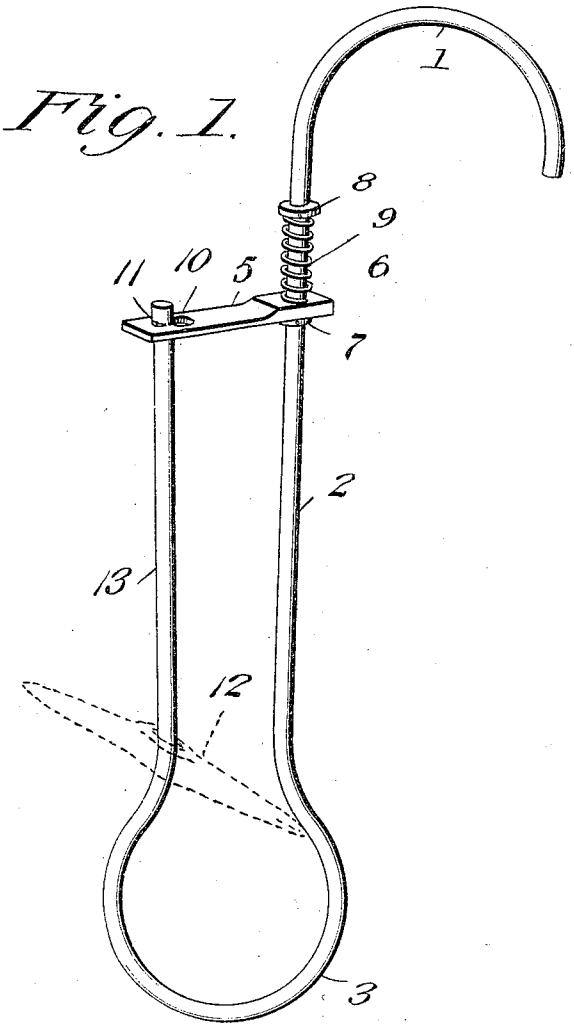
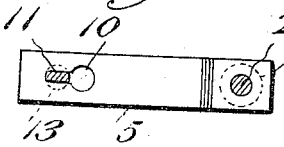



Fig. 2.




Witnesses
Wm. Koerth.
Harry M. Test.

Inventor
Otto Johnson,
By Victor J. Evans.
Attorney

# UNITED STATES PATENT OFFICE.

OTTO JOHNSON, OF BRERETON, ILLINOIS.

## CARRIER.

No. 816,473. Specification of Letters Patent. Patented March 27, 1906.

Application filed November 8, 1905. Serial No. 286,430.

*To all whom it may concern:*

Be it known that I, OTTO JOHNSON, a citizen of the United States, residing at Brereton, in the county of Fulton and State of Illinois, have invented new and useful Improvements in Carriers, of which the following is a specification.

The invention relates to an improvement in carriers designed primarily for carrying one or more pick-heads or similar tools.

The main object of the present invention is the production of means by which a number of pick-heads or similar tools may be conveniently carried in a position to be readily accessible for use when desired.

The invention will be described in the following specification, reference being had particularly to the accompanying drawings, in which—

Figure 1 is a perspective view of the carrier constructed in accordance with my invention, the pick-head being shown thereon in dotted outline. Fig. 2 is a transverse sectional view taken just above the keeper.

Referring to the drawings, my improved carrier is preferably constructed of a single length of material bent near one end to provide a supporting-loop 1 and projected from this loop in a straight line for a suitable distance, as at 2, and then formed in a return-bend 3 and projected therefrom to provide a head-carrying stem 4, which latter terminates below the loop 1. The bend 3 is preferably enlarged to approximately circular form to provide a spring connection between the stem 4 and the part 2 of the carrier. A keeper 5 is provided for the free end of the stem, comprising a plate of suitable dimension formed near one end with an opening 6 to engage the portion 2 of the carrier and below the loop 1 and limited in downward movement toward the bend 3 by a fixed collar 7. The portion 2 of the carrier above the keeper is provided with a second collar 8, between which and the upper surface of the keeper is arranged a coil-spring 9, encircling the part 2 of the carrier and bearing upon said plate, serving to maintain the plate normally in contact with the collar 7. The free end of the keeper is provided with a keyhole-slot 10, the enlarged portion of which is of a size to receive the free end of the stem 4, said stem being recessed at 11 at diametrically opposite points to receive the walls of the reduced portion of the keyhole-slot, thereby preventing disengagement of the keeper and stem when said keeper is in place.

In use the pick-heads or other implements, as 12, are engaged with the stem of the carrier by passing the latter through the eyes of such implements, as illustrated in Fig. 1. After a suitable or desired number of the implements are in place on the carrier the keeper is moved to a position above the free end of the stem and the latter is passed through the enlarged portion of the keyhole-slot, this movement requiring pressure upon the stem 4 to move the same slightly toward the portion 2 against the tension of the spring 3. After passage through the enlarged portion of the keyhole-slot to register the recesses 11 with the walls of the slot the pressure upon the stem 4 is released and said stem moves laterally to engage its recess 11 with the walls of the narrowed portion of the slot, thereby securing the keeper in place and preventing accidental disengagement of the implements thereon. A reverse operation disengages the keeper from the stem 4, freeing the implements for convenient withdrawal, as desired.

The carrier is designed to be supported from a shoulder or over the arm of the user by engaging the loop 1 with the arm or shoulder, whereby the carrier is suspended in a convenient position without requiring the use of the hands in transporting the implements from place to place.

While I prefer that the carrier be constructed of a single length of material, as wire or the like, it is equally obvious that such construction is not a material feature of the present invention.

Having thus described the invention, what is claimed as new is—

1. A carrier comprising a supporting-loop, a plain portion depending therefrom, an implement-receiving stem having spring connection with said plain portion, a keeper connected with the plain portion and adapted for locking engagement with the free end of the stem, said keeper being mounted for free movement about the plain portion, and a spring for holding the keeper in lowered position.

2. A carrier comprising a supporting-loop, a plain portion depending therefrom, an implement-receiving stem connected with the plain portion and extending parallel therewith, a keeper pivotally supported on the

plain portion, a spring for maintaining the keeper in lowered position upon said plain portion, the free end of the keeper being formed with a keyhole-slot, and the free end of the stem being formed with recesses to receive the walls of the narrowed portion of said slot.

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

OTTO JOHNSON.

Witnesses:
W. J. SPENCER,
CHARLES P. JACOBSON.