

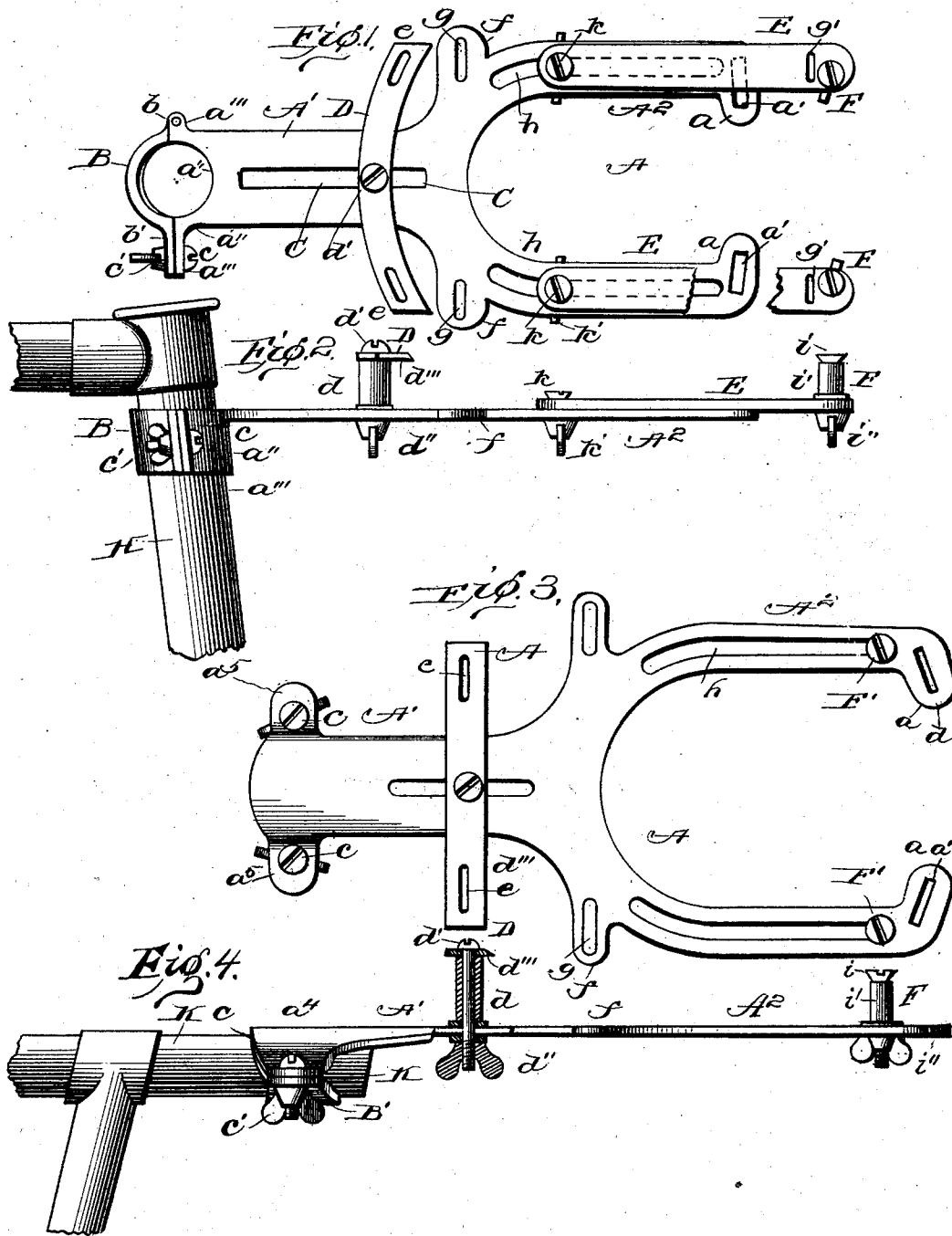
No. 702,292.

Patented June 10, 1902.

T. H. EDMONDS.
BICYCLE PACKAGE CARRIER.

(Application filed Mar. 27, 1902.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

THOMAS H. EDMONDS, OF WASHINGTON, DISTRICT OF COLUMBIA.

BICYCLE PACKAGE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 702,292, dated June 10, 1902.

Application filed March 27, 1902. Serial No. 100,272. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. EDMONDS, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Bicycle Package-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 a package or luggage carrier for bicycles or velocipedes.

The object of my invention is to provide a simple and effective device which may be readily attached to some part of the frame of a bicycle and to provide adjustable clamping-jaws and other devices for quickly and conveniently engaging and holding a basket, box, or package or a roll of material, such as a blanket.

My clamping device or frame is well adapted for the use of tourists or of messengers for delivering small packages and bundles. When not required, it can be readily detached from the bicycle.

The matter constituting my invention herein will be defined in the claims.

I will now describe the details of construction of my improved package-carrier by reference to the accompanying drawings, in which—

Figure 1 represents a top plan view of the device. Fig. 2 represents a side or edge view thereof applied to the front fork of a bicycle-frame. Fig. 3 represents a top plan view of a slightly-modified form of the device. Fig. 4 represents a side or edge view thereof applied to the rear extension of the saddle-post of a bicycle.

The clamping-frame A of my carrier is preferably composed of metal and is made with the main stem or shank A' and two arms A², having a U-shaped opening between them, as shown in Figs. 1 and 3. The arms A² are provided at their outer ends with the lugs a, having slots a' for the insertion of straps. The inner end of the stem or shank A' is made with a downwardly-extending curved or semicircular flange a'', having lateral ears a'''. To this curved end of the shank is pivotally connected or hinged at b a curved or semicircular clamping-piece B, having a lateral ear b',

which may be closed against the ear a''' and secured thereto by means of the screw c and thumb-nuts c', as shown in Figs. 1 and 2. By means of this clamping-piece B and its fastening devices the carrier is secured to the stem H or other part of a bicycle-frame, as shown in Fig. 2. The shank A' is provided with a longitudinal slot or guideway C, in which is connected the adjustable clamping bar or jaw D through the medium of the post d. The bar or jaw D is curved or straight, as shown in Figs. 1 and 3, and is preferably provided with a beveled sharp front edge d''' and adjacent to its outer ends with strap-slots e e. It is connected centrally to the post d by means of a screw d', which passes down through the slot C and is clamped to the shank by means of the thumb-nut d''. The post d herein shown is composed of a screw d' and a sleeve or collar; but it could be made in other convenient ways. In practice washers may be used on the upper and lower sides of the shank to furnish suitable bearings for the collar and thumb-nut. The shank is provided at or near the base of the arms A² with lateral lugs f, having slots g, adapted for the insertion of straps. The arms A² are provided with longitudinal slots or guideways h for receiving either the adjustable clamping posts or jaws F' (shown in Fig. 3) or the adjustable extension-bars E. (Shown in Fig. 1.) When the extension-bars E are used, they are provided at their outer ends with the clamping posts or jaws F. The extension-bars E are secured at their inner ends to the arms A² by the screws k, passing through the slots h, and the thumb-nuts k', engaging with their lower ends, as shown in Figs. 1 and 2, and said bars are provided near their outer ends with transverse slots g' for receiving straps. The clamping posts or jaws F and F' are composed each of a screw i, a sleeve or collar i', and a thumb-nut i'', by means of which it can be quickly adjusted in the slots h and clamped to the arm. The screw and sleeve may be made in one piece, but should have a head with a sharp edge, as shown, for biting into the basket or other package to be clamped to the carrier. The extension-bars E may be removed from the arms and the jaws F inserted in the slots h, as shown in Fig. 3. The extension-bars are in practice very convenient.

ient for increasing the capacity of the carrier and may be adjusted back to the inner ends of the slots or forward to the outer ends thereof, as required, for engaging a larger or smaller package. Straps may be passed through the slots a' , e , g , or g' , and thence around the packages and buckled.

In order to adapt my package-carrier to being secured to other parts of the bicycle-frame, it may be modified, as shown in Figs. 3 and 4, in which it is so constructed that it may be secured to the rear extension K of the saddle-post. In this modification the shank A is made with a curved inner end a^4 , in alinement with the shank, and is provided with lateral ears a^5 , to which is secured the curved clamping-piece B' by means of the screws c and thumb-nuts c' , as shown in Figs. 3 and 4.

The clamping-jaw D being set in the desired position on the shank A', a basket, box, or other package may then be set upon the arms a^2 and the jaws or posts F or F' may then be set up closely against the outer side of the package and clamped so as to bite into the sides of the package, and thus hold it rigidly in position. In case of a wide basket or box the extension-bars E are set out to the desired position on the arms A², and are then forced up so that the posts F will engage with the outer sides of the package, and the bars are then rigidly fixed in place by means of the thumb-nuts k' . In case a roll of goods or a number of bundles are to be carried, straps provided with buckles may be passed through the slots a' and e or g , so as to surround the bundles and securely hold them in place.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A package-carrier for bicycles comprising a main stem or shank having a longitudinally-adjustable clamping-jaw, and at its inner end an eye and fastening devices, and at its outer end two arms and clamping-posts, provided with heads having sharp edges, longitudinally adjustable on said arms, substantially as described.

2. A package-carrier for bicycles comprising a shank having at its inner end an eye

and fastening devices, and at its outer end two arms, a transverse clamping-jaw having means for adjusting it longitudinally on said shank, extension-bars having clamping-posts at their outer ends and means for adjusting them longitudinally and securing them to said arms, substantially as described.

3. A package-carrier for bicycles comprising a slotted shank and two slotted arms, an adjustable clamping-jaw working in the slot of the shank, and adjustable clamping-posts working in the slots of the arms, substantially as described.

4. In a package-carrier for bicycles, a frame composed of a shank having means for securing it to a bicycle-frame, and two slotted arms in combination with a clamping-jaw secured to the shank, and adjustable posts having screw-threaded ends in the slots of said arms and thumb-nuts for engaging therewith for fixing the posts in place to engage with a package, substantially as described.

5. In a package-carrier for bicycles, the combination with a frame composed of a shank and two slotted arms, of a clamping-jaw secured to the shank and two adjustable extension-bars having clamping-posts, and screws provided with thumb-nuts connecting said bars through the slots with said arms, substantially as described.

6. In a package-carrier, the combination with a frame composed of a shank, having an eye and fastening device, and two outwardly-projecting arms having adjustable clamping-posts and transverse slots for receiving straps, of a clamping-jaw secured to the shank and having strap-slots adjacent to its ends, substantially as described.

7. In a package-carrier, the combination with the slotted shank and slotted arms, of the clamping-posts, each composed of a screw, a sleeve and a thumb-nut for quick adjustment in the slots of said shank and arms, substantially as described.

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

THOMAS H. EDMONDS.

Witnesses:

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