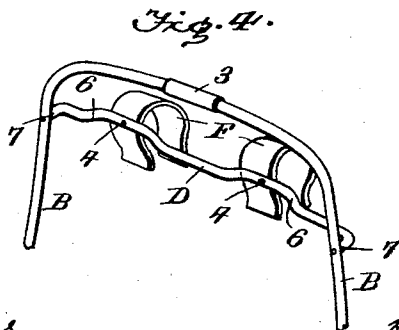
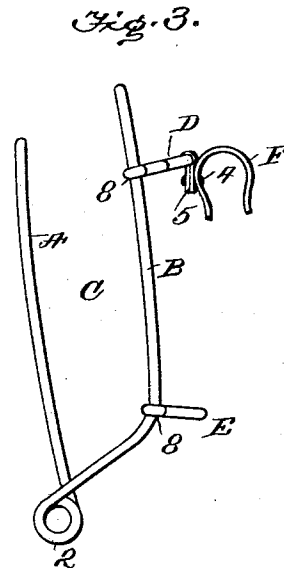
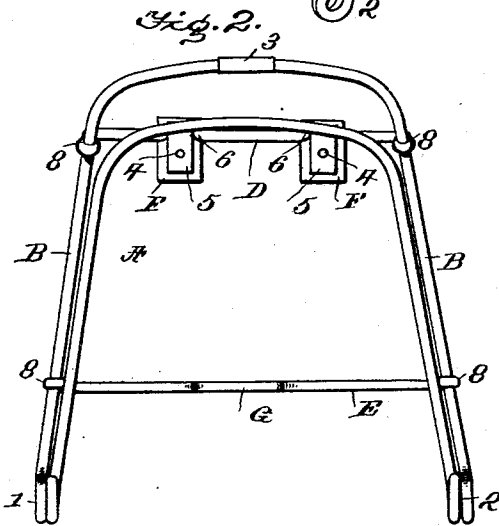
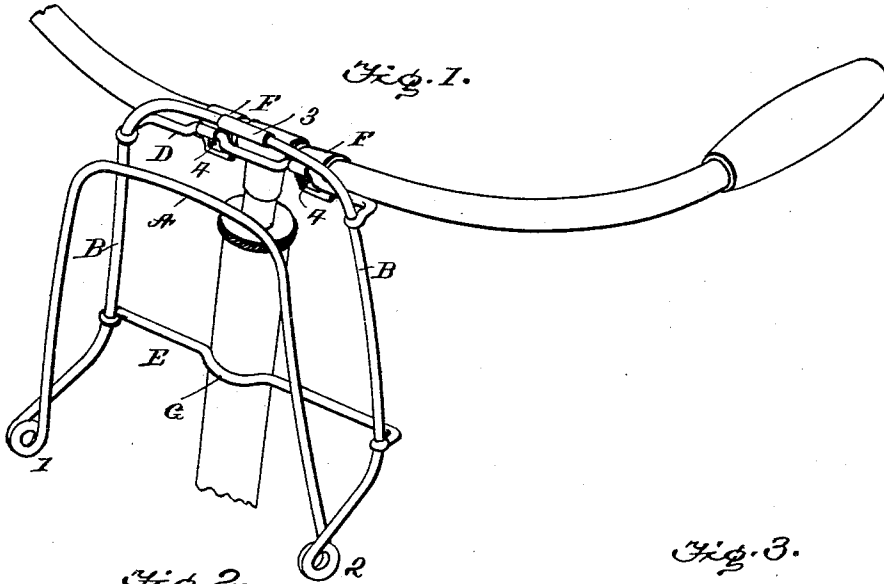


(No Model.)

P. REINHART.
LUGGAGE CARRIER FOR BICYCLES.

No. 580,223.

Patented Apr. 6, 1897.



Witnesses

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UNITED STATES PATENT OFFICE.

PHILIP REINHART, OF BROOKLYN, NEW YORK, ASSIGNOR TO JACOB BLANK,
OF SAME PLACE.

LUGGAGE-CARRIER FOR BICYCLES.

SPECIFICATION forming part of Letters Patent No. 580,223, dated April 6, 1897.

Application filed December 12, 1896. Serial No. 615,452. (No model.)

To all whom it may concern:

Be it known that I, PHILIP REINHART, a citizen of the United States of America, and a resident of Brooklyn, in the State of New York, have invented a new and useful Improvement in Luggage-Carriers for Bicycles, of which the following is a specification.

This invention relates to means for carrying extra clothing and parcels on bicycles; and it consists in certain novel combinations of parts, the same being embodied in an improved luggage-carrier which is adapted in a peculiar manner to be suspended from handle-bars of different shapes and to yieldingly accommodate itself to contents more or less bulky.

A sheet of drawings accompanies this specification as part thereof.

Figure 1 of the drawings is a perspective view of an improved luggage-carrier in position on the steering-head of a bicycle. Fig. 2 is a front elevation of the luggage-carrier detached. Fig. 3 is an edge view thereof, and Fig. 4 is a perspective view illustrating modifications.

Like letters and numbers refer to like parts in all the figures.

The main frame of the improved luggage-carrier is conveniently formed by a single wire bent to form a pair of loops A and B, connected with each other at bottom by spring-coils 1 and 2 and so shaped as to form a space C, Fig. 3, of the required dimensions between the front loop A and the back loop B. The ends of the wire are conveniently united at the middle of the loop B at top by a sleeve 3, soldered fast. A pair of rearwardly-offset cross-bars D and E are rigidly attached to the side bars of the back loop B, and to the upper bar D a pair of spring-clips in the form of short sleeves F, open at the bottom, are attached a suitable distance apart by appropriate means comprising horizontal rivets 4, said clips being adapted to embrace the respective handle-bars as means for suspending the luggage-carrier therefrom, as in Fig. 1, while the lower bar E is formed with a central reëntrant bend G to engage with the post of the steer-

ing-head below the handle-bars, as in said figure.

In the specific construction represented by Figs. 1, 2, and 3 the pivotal rivets 4 attach the spring-clips F to the backs of doubled straps 5, the loops of which embrace and are preferably soldered fast to reëntrant bends 6, with which the upper cross-bar D is provided at two points equidistant from the middle of the bar.

In the modified construction represented by Fig. 4 like reëntrant bends 6, with which the cross-bar D is provided, are perforated to receive the rivets 4 direct, and the offset ends of said cross-bar D terminate in stud-rivets 7, by which the cross-bar is attached to the back loop B instead of by loops 8, as in Figs. 1 to 3. In harmony with above modified construction the lower cross-bar E, Figs. 1 to 3, may be attached to the back loop B by stud-rivets instead of by loops, and other like modifications will suggest themselves to those skilled in the art.

Having thus described the said improvement, I claim as my invention and desire to patent under this specification—

1. A luggage-carrier for bicycles comprising front and back loops connected with each other at bottom by spring-coils, a pair of cross-bars attached to the back loop, and a pair of spring-clips connected by suitable means comprising pivotal rivets with the upper cross-bar; said clips being adapted to embrace the handle-bars of a bicycle and the lower cross-bar to engage with the steering-head in front, substantially as hereinbefore specified.

2. The combination, in a luggage-carrier for bicycles, of a substantially horizontal cross-bar having a pair of reëntrant bends, a pair of doubled straps embracing said bends, and a pair of spring-clips attached to the backs of said straps by horizontal pivotal rivets, substantially as hereinbefore specified.

PHILIP REINHART.

Witnesses:

OTTO A. WICKE,
DANIEL F. LEWIS.