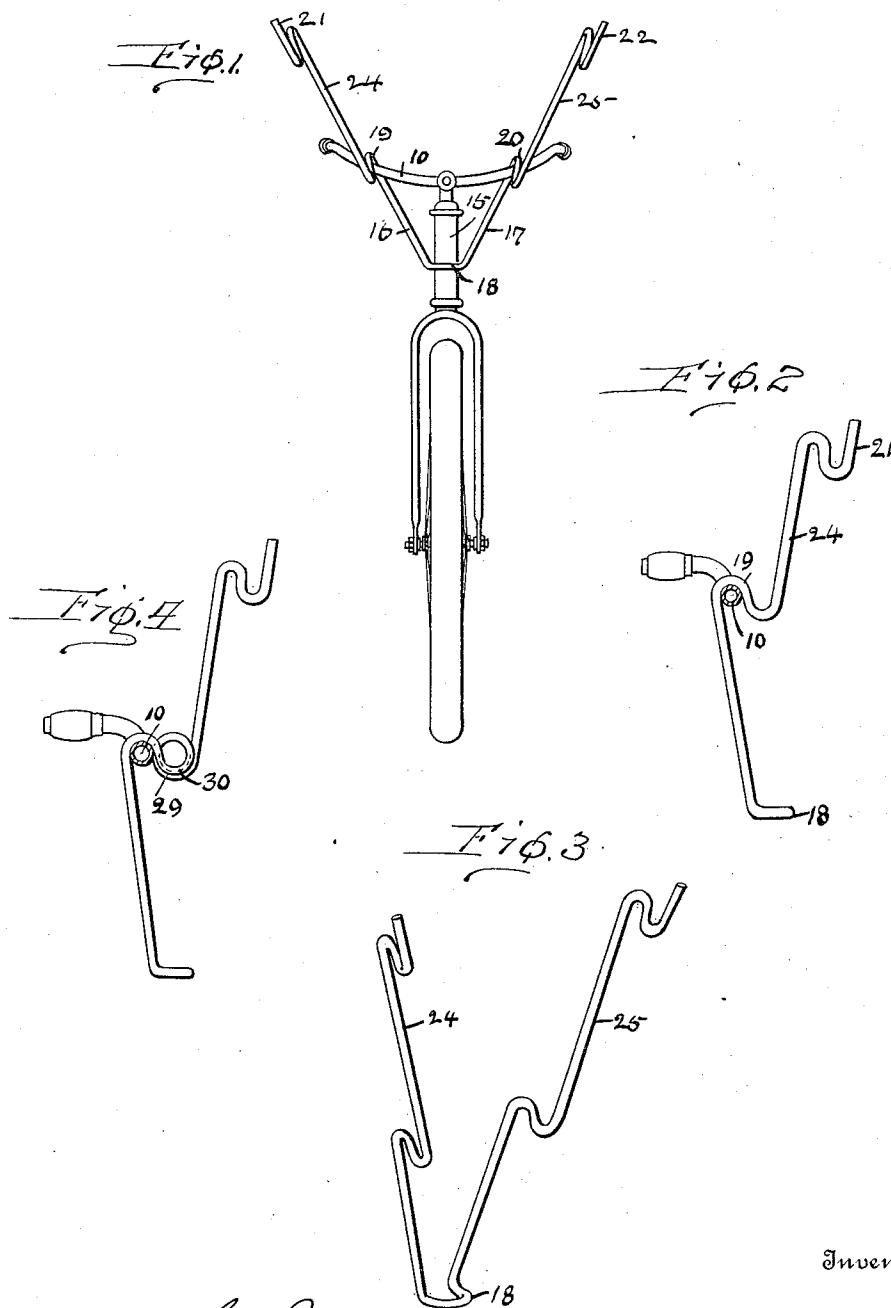


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 MEANS FOR CARRYING MAIL SACKS ON BICYCLES.
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Patented Feb. 11, 1913.



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UNITED STATES PATENT OFFICE.

HARRISON D. McIVER, OF BAINBRIDGE, GEORGIA.

MEANS FOR CARRYING MAIL-SACKS ON BICYCLES.

1,053,051.

Specification of Letters Patent.

Patented Feb. 11, 1913.

Application filed October 18, 1912. Serial No. 726,526.

To all whom it may concern:

Be it known that I, HARRISON D. McIVER, citizen of the United States, residing at Bainbridge, in the county of Decatur and State of Georgia, have invented certain new and useful Improvements in Means for Carrying Mail-Sacks on Bicycles; 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 improvements in means for carrying mail sacks on bicycles.

One of the chief objects of the invention is to provide a device for the purpose specified which may be readily attached to the handle bar and fork of a bicycle without independent securing means.

A further object is to provide a device which shall be simple and inexpensive in construction and which will be capable of supporting a mail sack or other similar receptacle designed to receive packages or parcels in such a manner that the weight thereof will assist in holding the carrier proper in position, an increased gripping effect being secured by the increase of weight in the article carried or in the contents of any receptacle which may be carried, such as a mail sack.

In the accompanying drawings forming part of this application: Figure 1 shows the device attached to the handle bar and fork of a bicycle. Fig. 2 is a view of the device in side elevation. Fig. 3 is a perspective view. Fig. 4 is a side elevation of another form.

In carrying out my invention I prefer to form the device of one piece of steel wire of a suitable size which may be bent into a substantially V-shaped form with the offsets described below. The handle bar of the bicycle is indicated by 10, and the upper portion of the front fork by 15. The carrying device proper comprises a plurality of side members 16 and 17 which are inclined toward each other at their lower ends, and are then bent outwardly to form a fork engaging device 18, the latter standing at substantially right angles to the upper portion of the fork and the said members 16 and 17. Intermediate of member 18 and the upper ends of the device are compound curved portions which comprise loops 19 and 20 and form a gripping device for the

handle bar. A similar compound member is formed at the upper end of each of the devices 16 and 17 and provides an upwardly extending hook portion 21 on device 16 and a similar hook portion 22 on the device 17. The hooks 21 and 22 are for the purpose of engaging the receptacle for carrying letters, parcels, or the like and are specially intended to engage the rings by which the straps of an ordinary mail bag are secured, such as is commonly used by carriers.

The portions 24 and 25 of members 16 and 17 are inclined outwardly and upwardly in order that the tendency of the weighted receptacle may be not only to cause the carrying device to grip the handle bar, but to bring the offset member 18 into close contact with the upper portion of the fork. In this manner the leverage which will necessarily be exerted will tend to cause the device to become more firmly attached to the machine.

In carrying out the idea last mentioned to a further extent the members engaging the handle bar may be formed in the manner shown in Fig. 4, in order that a somewhat greater surface may be afforded for engaging the handle bars, and in order further that the increased weight of the mail sack may have a still more pronounced effect so far as the gripping of the handle bars is concerned. In this form something more than one complete coil may be formed at 28, in order that there may be an engagement of the handle bar at two points, for each arm of the V-shaped frame. The handle bar is first engaged by that part of the coil nearest, and indicated by 29, and then by portion 30.

What I claim is:

1. In a device of the class described, a frame comprising a V-shaped member provided with an offset at the point of the V for engaging the fork of a bicycle, a plurality of offset gripping members intermediate of the said point of the V and the upper ends of the frame, and means for attaching a receptacle to the said upper ends.

2. In a device of the class described, a frame comprising a member having an offset looped portion at one end for engaging the fork of a bicycle, and diverging fork members each provided with a looped gripping portion for engaging the handle bar of a bicycle, and with receptacle engaging

devices at the upper ends of the fork members.

3. In a device of the class described, a frame comprising a continuous member
5 having V-shaped formation, that portion adjacent to the point of the V being offset in a plane at substantially right angles to the main portion of the frame, looped engaging devices for engaging the handle bar
10 of a bicycle, and engaging devices at the diverging ends of the frame, said engaging

devices being normally disposed at a point spaced from a plane passing through the handle bar engaging devices and through the fork engaging device.

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

HARRISON D. McIVER.

Witnesses:

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C. V. PERRY.

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