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BICYCLE NEWSPAPER BAG RACK

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Fig. 1.

Fig. 2.

Fig. 3.

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The present invention relates to a novel and improved rack adapted to support a newspaper bag or similar receptacle, and to a novel and improved mounting means therefor. More specifically, this invention relates particularly to a rack of the character afore-described especially adapted to be mounted upon the framework of a conventional bicycle in such manner that the newspapers in the bag or like receptacle are easily accessible to the operator of the vehicle.

A primary object of the present invention is to provide a rack and improved newspaper bag rack constructed and arranged so as to be easily, quickly, adjustable and removably mounted upon the usual framework of the ordinary bicycle without necessitating structural modifications in the latter to adapt the rack thereeto.

A further object of the invention is to provide a rack as above described and a mounting therefor which shall permit relative movement between the rack and mounting, whereby the former may be positioned so that the contents of a receptacle suspended therefrom are most conveniently accessible to the operator of the vehicle.

Another object is the provision of a rack and mounting of the character outlined which shall be sturdy in construction, efficient in operation, and yet relatively uncomplicated and inexpensive to manufacture.

The foregoing and other objects which will be apparent to those skilled in the art to which the present invention pertains from the detailed description thereof hereinafter given, are attained by the illustrative embodiment of the invention herein disclosed, consisting of the construction and novel combination of parts fully described below, illustrated on the accompanying sheet of drawing, and pointed out in the claims hereunto appended.

On the said sheet of drawing,

Fig. 1 is a side view of a conventional form of bicycle showing the present invention applied thereto;

Fig. 2 is an elevational view of the rack and rack frame constituting the present invention; and

Fig. 3 is a side view of the bag-supporting rack, per se.

Corresponding reference numerals designate similar parts throughout the several figures of drawing.

Referring now to the said figures of drawing and more particularly to Fig. 1 thereof, reference numeral 10 designates, as a whole, a conventional form of bicycle such as is commonly employed by newsboys in covering their routes for the house to house distribution of newspapers.

It is common practice among such newsboys to carry their papers in a bag or similar receptacle which is usually slung over and supported from one shoulder. Such an arrangement is far from ideal, especially when the papers are delivered by being thrown, as the newsboy passes on his bicycle, onto the front stoop or porch of the customer. This mode of delivering the papers requires the use of one arm to guide the vehicle while the other is employed to hurl the newspaper to its destination, and the presence of the heavily loaded bag suspended from one shoulder is obviously an impediment. According to the present invention, this impediment is removed by providing means for supporting the newspapers from the frame of the vehicle, within easy reach of the newsboy, but leaving his arms free and unimpeded to perform their particular functions, as previously set forth.

To this end, a rack frame is provided which may preferably consist of a suitable length of hollow piping or the like, bent intermediate its ends, as at 12, and having a shorter length 13 connected thereto by means of coupling or elbow 14. Means to securely fix the rack frame to the bicycle frame is provided as follows. An inverted U-shaped rest 15 is attached to the pipe 11 at the lower end thereof. Rest 10, when the device is mounted on the bicycle in operative relationship thereto, fits snugly over the bottom bar 16 of the bicycle frame. Tie 17 is provided, and consists preferably of a pair of interconnected clamping members, one of which embraces pipe 11 intermediate the ends thereof, while the other is adapted to embrace the adjacent
portion of the rear bar 18 of the bicycle frame.

The bag rack which is adapted to be adjustably mounted on the rack frame, above described, comprises preferably a top bar 19 which, desirably, is bent downwardly at the extremities thereof, as is clearly shown on the drawing. Downwardly opening socket 20 depends substantially centrally from the bar 19, and may be provided with a plurality of relatively angularly disposed spaced openings 21, for a purpose which will hereinafter appear.

Top bar 19 is further provided with a downwardly disposed and obliquely extending brace or strut member 22, which terminates in an annular collar 23. The bore of collar 23, as clearly shown in Fig. 3, is disposed directly in alignment with the mouth of socket 20.

In assembling the device, rest 15 is first slipped onto bar 18, and then tie 18 is fastened to the adjacent portion of bar 18. Collar 23 is then slipped down over member 13 until it abuts elbow 14, at which moment socket 20 will fit over the top end of the member 13. The rack may now be rotated about member 13 to any convenient position and then securely held in adjusted position by inserting pin 24, attached to bar 19 by chain 26, into an opening 21 and one of the corresponding openings provided in member 13.

The newspaper containing receptacle or bag is then suspended from the rack in any convenient or desirable manner.

It will be apparent that the device may be mounted on either side of the bicycle frame so as to be equally convenient for a right-handed, as well as for a left-handed, boy.

While one illustrative embodiment of the invention has been described in detail, it is not intended to limit the scope of the invention thereby or otherwise than by the terms of the appended claims.

What is claimed is:

1. A combined newspaper bag rack and frame, means to connect said frame to either side of a bicycle frame, the upper portion of said frame being offset whereby said upper portion may be disposed on the other side of the bicycle frame from said connecting means, said rack being movably mounted on said rack frame, means to hold said rack in either of a plurality of positions on said rack frame, and a newspaper holding bag depending from said rack.

2. A combined newspaper bag rack and frame, said frame comprising a lowermost portion provided with means to attach the frame to either side of a bicycle frame, an uppermost journal-forming portion and an intermediate connecting portion, said uppermost portion being offset with respect to said lowermost portion whereby the former may be disposed on the other side of the bicycle frame from the lowermost portion, said rack being rotatably mounted on said journal-forming portion, and means to hold the rack in either of a plurality of positions on said rack frame.

3. A newspaper bag rack comprising a substantially horizontally disposed bag-supporting bar, a downwardly opening socket depending substantially centrally from said bar, and a strut extending downwardly and obliquely from adjacent one end of said bar and terminating in an annular collar, the bore of said collar being in substantial alignment with the said socket opening.

In testimony whereof I affix my signature.

EDWARD D. MURPHY.