

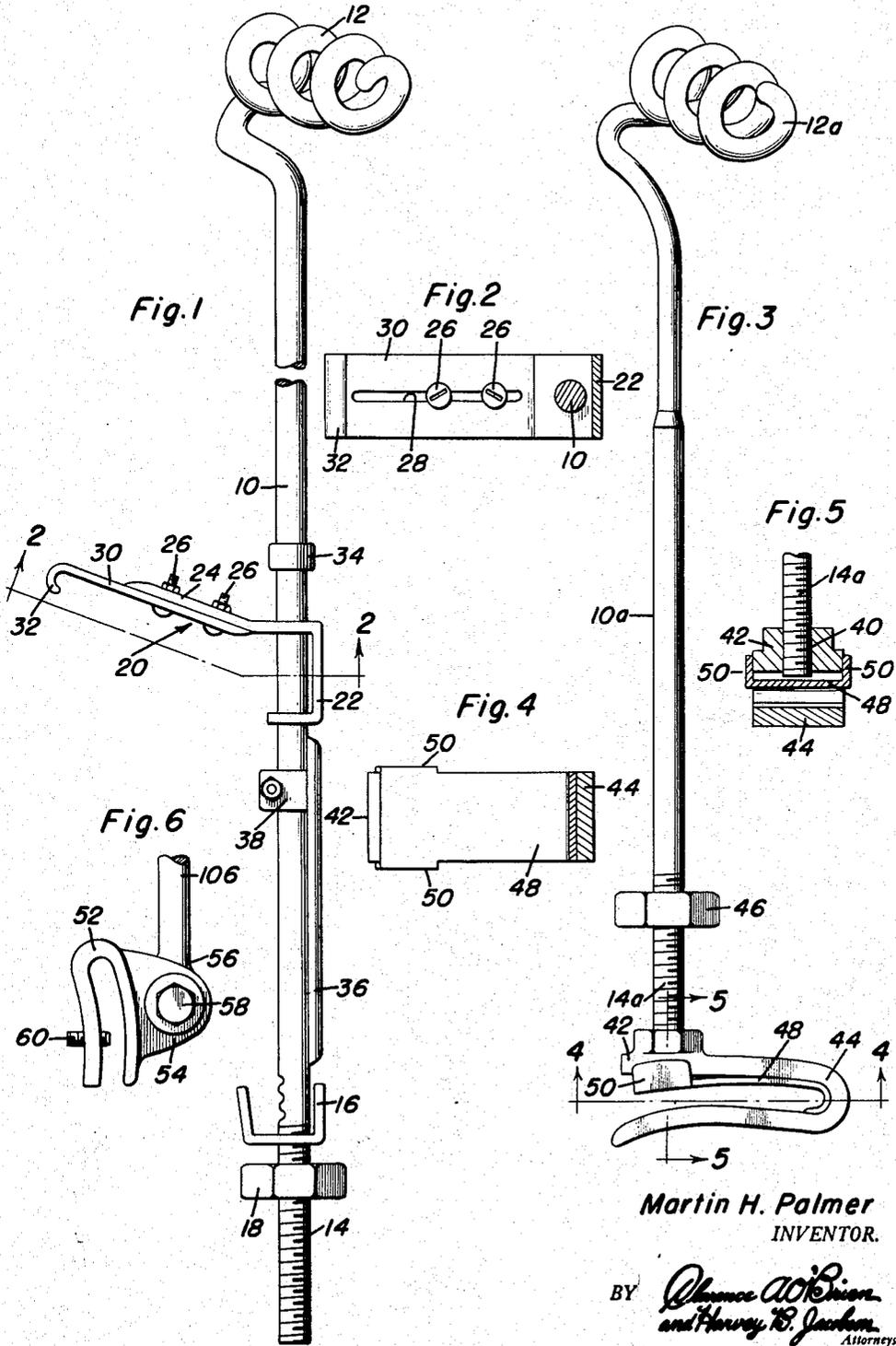
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WATER BAG CARRIER

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WATER BAG CARRIER

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2 Claims. (Cl. 224—42.03)

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This invention relates to new and useful improvements in carriers and the primary object of the present invention is to provide a device that is mounted upon a vehicle bumper to support a water bag in a safe, easily accessible position.

Another important object of the present invention is to provide a water bag carrier that is quickly and readily applied to or removed from a vehicle bumper in a convenient manner without in any way harmfully affecting the bumper on which it is attached.

A further object of the present invention is to provide a water bag carrier attachment for vehicle bumpers including a supporting post having a laterally projecting coil at its upper end that will receive a rope attached to a water bag with the coil functioning as a shock absorber for the bag as the vehicle rides over rough roads.

A still further aim of the present invention is to provide a water bag carrier that is simple and practical in construction, strong and reliable in use, small and compact in structure, neat and attractive in appearance, inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a side elevational view of the present invention;

Figure 2 is a sectional view taken substantially on the plane of section line 2—2 of Figure 1;

Figure 3 is a side elevational view of the present invention in modified form;

Figure 4 is a horizontal sectional view taken substantially on the plane of section line 4—4 of Figure 3;

Figure 5 is a vertical sectional view taken substantially on the plane of section line 5—5 of Figure 3; and

Figure 6 is a fragmentary side elevational view of the invention showing the bumper engaging means in modified form.

Referring now to the drawings in detail, and more particularly to Figures 1 and 2, wherein for the purpose of illustration, there is disclosed one embodiment of the present invention, the numeral 10 represents a rod or post the upper end of which is bent to form a laterally projecting rope-receiving coil 12.

The lower externally threaded end 14 of the post 10 extends through an aperture in the web

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portion of a channel 16 that is slidable on the post and a lock nut 18 is threaded on the end 14, beneath the channel 16, to adjust the channel longitudinally on the post.

A hook member 20 is mounted on the post 10 and includes a channel 22 both legs of which are apertured to receive the post. An extension 24 on the upper leg of the channel 22 supports a pair of fasteners 26 that extend through a longitudinal slot 28 in a plate 30 whose outer end is turned down to provide a curved flange 32. A stop 34 on the post above the member 20 limits upward sliding movement of the member 20 on the post.

A shield plate 36 is held against the post 10 between the channels 16 and 22 by a clamp 38 that embraces the post and which is fixed to the plate 36 by welding or the like.

In practical use of the present invention, the flange 32 engages the upper edge of a bumper and the channel 16 engages the lower edge of the bumper. The rope of a water bag is tied in the coil 12 and the bag will rest against the plate 36 rather than the bumper, with the coil 12 absorbing shock as the bag is moved.

Figures 3, 4 and 5 show the present invention in slightly modified form wherein the upper end of the post 10a is bent to form a laterally projecting coil 12a. The lower externally threaded end 14a of the post 10a extends through a threaded aperture 40 in the upper leg 42 of a channel member 44, and a lock nut 46 is threaded on the end 14a to retain the member 44 adjusted on the end 14a.

A spring arm or retainer 48 is fixed within the channel member 44 and underlies the leg 42. Flanges 50 rise from the arm 48 and receive the leg 42 therebetween to retain the arm 48 relative to the channel member.

In practical use of the device in Figures 3, 4 and 5 the edge of a bumper is received in the channel member 44 and is held therein by the spring arm 48 and the end 14a which forces the spring arm against the bumper.

Figure 6 shows a modified mounting bracket for the post in the form of a channel member 52 having a pair of ears 54 projecting laterally therefrom between which the lower flattened end 56 of the post 10b is received. The end 56 is secured to the ears 54 by a horizontal pivot or bolt and nut 58.

The channel member 52 receives the upper edge of a bumper and the bumper is held in the channel member 52 by a set screw 60 carried by one leg of the channel member 52.

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In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A water bag carrying attachment for vehicle bumpers comprising a post having a rope receiving coil at one end, a channel adjustably mounted on the other end of the post for engaging the lower edge of a bumper, and a hook member

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carried by and projecting laterally from the post for engaging the upper edge of a bumper.

2. The combination of claim 1 and a shield plate secured to the post between the channel and the hook member.

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