

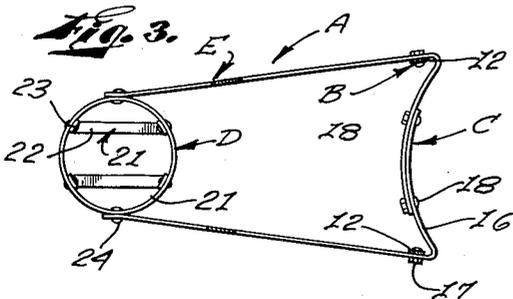
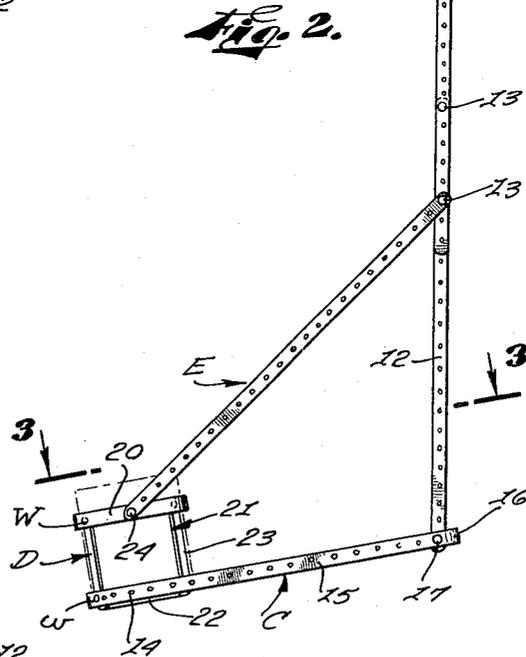
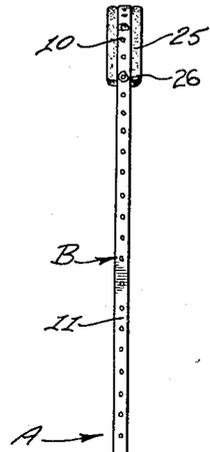
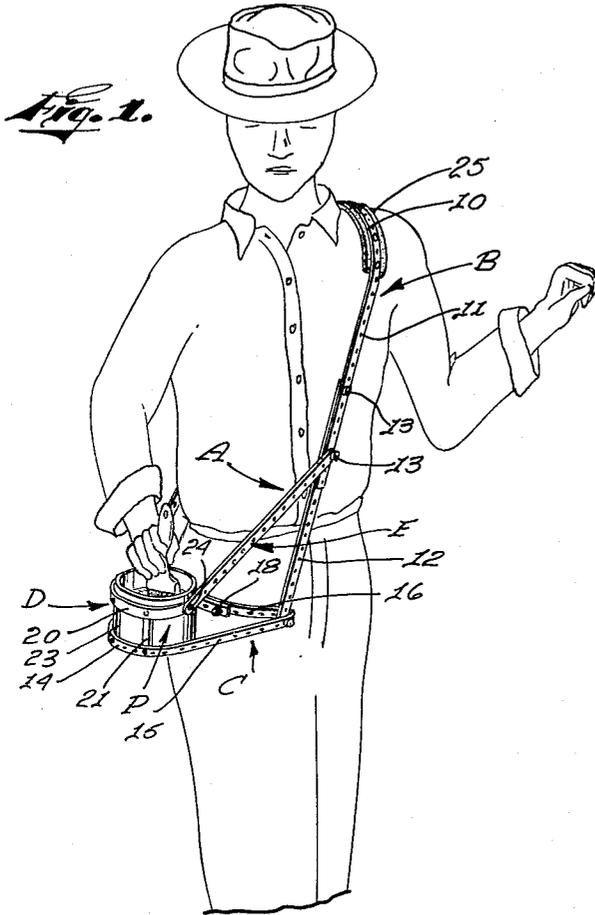
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PAINT CAN HOLDER

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PAINT CAN HOLDER

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This invention relates to a piece of painter's equipment and is more particularly concerned with a paint can holder.

An object of the present invention is to provide a novel paint can holder adapted to be engaged about a shoulder and the waist of a human body and having a portion projecting laterally from the waist to carry a can of paint.

Another object of the present invention is to provide a paint can holder of the character referred to which is rigid and free of loose, flexible elements and/or parts which would allow for undesirable shifting of the device and the paint carried thereby, about the body.

Still another object of the present invention is to provide a paint can holder of the character referred to which is fully adjustable and which can be easily and conveniently altered or adjusted to properly fit and engage the body of the painter using it.

Many attempts have been made to provide a paint can holder to engage about the body of a painter, but such attempts have met with little or no success. Prior devices of the general character referred to have involved harnesses formed of flexible belting or webbing and carrying trays or gimbal supported basket-like elements adapted to carry paint cans and the like.

It has been found, however, that due to the weight of a can of paint coupled with the manner in which the can of paint must be positioned relative to the painter's body to make it accessible, the flexible harness of the ordinary paint can holder must be engaged extremely tightly about the painter's body and to an extent that it is extremely uncomfortable.

It has also been found that the harness of the ordinary paint can holder, when engaged tightly about the body of a painter, soon shifts and becomes loose as a result of normal movement and shifting of the painter's body as he works.

Still further, it has been found that gimbal or gimbal-type mountings associated to a harness, such as referred to above, and adapted to support cans of paint, are unsatisfactory since while they prevent tipping or spilling of the paint cans, they necessarily occur too close to the painter's body and when the painter leans or bends over the paint cans are disposed in such a manner, with respect to the painter's body that they are unaccessible.

An object of the present invention is to provide a paint can holder which eliminates each of the above-mentioned disadvantages found in the ordinary paint can holder of the general character referred to.

Another object of my invention is to provide a paint can holder of the character referred to having a rigid frame which can be conveniently pivoted or shifted about the shoulder of the painter when he desires to lean or bend over and is such that when it is thus shifted, the can of paint can be arranged in a convenient, accessible position.

A further object of the present invention is to provide a paint can holder of the character referred to which is both easy and economical of manufacture and which is both highly effective and dependable in operation.

The various objects and features of my invention will be fully understood from the following detailed description of a typical preferred form and application of my invention, throughout which description reference is made to the accompanying drawings, in which:

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FIG. 1 is a perspective view of the paint can holder that I provide and showing it engaged about the body of a painter.

FIG. 2 is an enlarged, side elevational view of the paint can holder provided by the present invention.

FIG. 3 is a transverse, sectional view showing a part of my paint can holder and taken as indicated by line 3-3 on FIG. 2.

The paint can holder A provided by the present invention is a fabricated frame work made up of strap metal and is shown as involving generally, a main shoulder and torso engaging carrier member B, a hip engaging support member C coupled with and projecting laterally outwardly from the carrier member B, a paint can receiving basket member C carried by the support member C and braces E fixed to and extending between the basket member and the carrier member.

The main shoulder and torso engaging carrier member B of my new paint can holder is a simple, inverted, U-shaped member formed of strap metal and is shown as having a round top 10 and straight, depending legs 11. The legs 11 of the member B terminate short of the bottom of the construction and each is provided with an elongate extension 12, formed of straight lengths of strap metal. The upper end portions of the extensions 12 occur adjacent one side of the lower end portions of their related legs 11 and are secured thereto by a pair of vertically spaced screw fasteners 13, which fasteners are engaged through registering openings provided in the legs and the extensions.

In practice, the section B and the extensions 12 are formed of perforated strap metal stock, that is, strap metal stock having a series or row of equally spaced openings throughout its longitudinal extent. By the forming of the section B of such stock it will be apparent that the weight of the carrier section B is materially reduced. It will also be apparent that through the use of such material or stock, it is possible to vary the overall vertical extent of the carrier section B by removing the fasteners 13 which secure the extensions 12 to the legs 11, shifting the extensions longitudinally of the legs a desired amount and until the openings in the extensions register with the openings in the legs and then re-engaging the fasteners 13 therein.

The hip engaging support section C is a substantially horizontally disposed member formed of a single length of strap material and is related to the lower end of the main section B, to project laterally outwardly therefrom. The section C is shown as having a rounded or semi-circular outer portion 14, straight, intermediate portions 15 projecting inwardly from the outer portion to terminate at the lower ends of the extensions 12 of the main carrier section B, and laterally inwardly turned, curved end portions 16 at the inner-ends of the intermediate portions and having opposing ends which establish overlapping engagement with each other.

The inner ends of the intermediate portions 15 of the section C are pivotally connected to the lower terminal ends of the extensions 12 of the section B by means of suitable screw fasteners 17 engaged through registering openings provided in the extensions 12 and the sections B and C.

The overlapping, inwardly turned, curved end portions 16 of the section C cooperate to establish a curved hip engaging or embracing portion. The said end portions 16 are secured together by means of a pair of spaced screw fasteners 18 engaged in registering openings in the said end portions of the section C.

In practice, the section C, like the section B, is formed of perforated strap metal stock and is such that the end portions 16 thereof can be shifted relative to each other

before they are made fast by the fasteners 17 and in a manner to adjust the said hip engaging portion of the section C to fit the hip of the painter using the device.

The paint can receiving basket member D is shown as a simple, upwardly opening, basket-like element and is shown as including a circular, horizontally disposed loop 20 formed of strap metal and a pair of upwardly opening, laterally spaced, U-shaped brackets 21 having horizontally disposed bottoms 22 and upwardly projecting legs 23. The upper ends of the legs 23 are fixed to the loop 20 as by spot welding W, or the like.

The basket-like section D is arranged with its lower end portion engaged within the outer circular portion 14 of the support section C and is fixed thereto as by spot welding W.

The braces E of my new construction are simple, straight lengths of perforated strap stock having inner ends secured to the legs 11 of the section B by means of the screw fasteners 13 which secure the extensions 12 to the legs 11, and having their outer ends pivotally connected to the loop 20 of the basket section D as by rivet-type fasteners 24, as clearly illustrated in the drawings.

With the above relationship of parts, it will be apparent that the braces E serve to maintain the support member C and the basket member D in fixed angular relationship with respect to the main section B. It will be further apparent that the angle at which the section C and member D occur, with respect to the section B, can be easily and conveniently varied by simply shifting and repositioning the screw fasteners 17 with which the braces are related in the section B.

In operation, a can of paint P is engaged in the upwardly opening basket section D from the upper open end thereof. The holder A is then lifted and engaged with or about the body of the painter so that the top 10 of the section B thereof occurs over one shoulder, so that the legs and extensions 11 and 12 of the section B depend diagonally across the painter's body and so that the curved hip engaging portion of the support section C, established by the curved end portion 16 thereof, engage about the hip of the painter.

It will be apparent from the above, that my new paint can holder suitably supports the can of paint P and in a position at one side of the painter where it is convenient for use. It will be further apparent that the holder is such that it will not readily swing or shift out of position about the body of the painter, yet is such that if it should swing or shift, either by accident or on purpose, the rigidity of the device makes it possible to easily and conveniently catch and control the movement thereof.

In the preferred carrying out of the invention, and as illustrated in the drawings, a suitable pad 25 is provided on the inside of the top portion 10 of the section B, which pad bears against the shoulder of the painter. In practice, the pad 25 can be formed of any suitable material and can be secured to the section B as by means of rivets 26 engaged through the pad and through certain of the apertures or openings in the section B.

Having described only a typical preferred form and application of my invention, I do not wish to be limited or restricted to the specific details herein set forth, but wish to reserve to myself any modifications or variations that may appear to those skilled in the art and fall within the scope of the following claims:

Having described my invention, I claim:

1. A paint can holder of the character referred to including, an inverted, rigid U-shaped carrier member having a rounded top adapted to be engaged over a shoulder of a painter and straight legs adapted to depend diagonally across the body of the painter, a rigid support member pivotally connected to the lower ends of the carrier member legs to project laterally therefrom and having a curved portion extending between the legs to embrace the hip of the painter, an upwardly opening paint can receiving basket member at the outer end of the support member, rigid braces pivotally connected to the basket member and releasably secured to the legs of the support member at points spaced above the lower ends of the legs, and a shoulder engaging pad secured to the top portion of the carrier member, the said carrier member, support member and braces being formed of perforated strap metal and connected one to the other by screw fasteners engaged through registering perforations occurring in adjacent portions of the several members.

2. A paint can holder of the character referred to including, an inverted, rigid U-shaped carrier member having a rounded top adapted to be engaged over the shoulder of a painter, straight legs adapted to depend diagonally across the body of the painter and extensions releasably secured to and depending from the legs, a rigid horizontally disposed support member having a rounded central portion, straight, intermediate portions projecting inwardly from the central portion and having their inner ends pivotally connected to the lower ends of the extensions and curved, laterally inwardly projecting end portions at the inner ends of the intermediate portions establishing overlapping engagement with each other and adapted to embrace the hip of the painter, an upwardly opening basket member engaged in and fixed to the central portion to project upwardly therefrom and adapted to receive a can of paint and rigid elongate braces having one end pivotally connected to the upper end of the basket member and the other ends fixed to the lower end portions of the legs, the carrier member, extensions, support member and braces being formed of perforated strap metal stock and releasably secured together by means of screw fasteners engaged through registering perforations in their adjacent and overlapping portions.

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