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N. S. GREVE.

CARRYING CHEST FOR MECHANICS' TOOLS.

APPLICATION FILED JUNE 23, 1906.

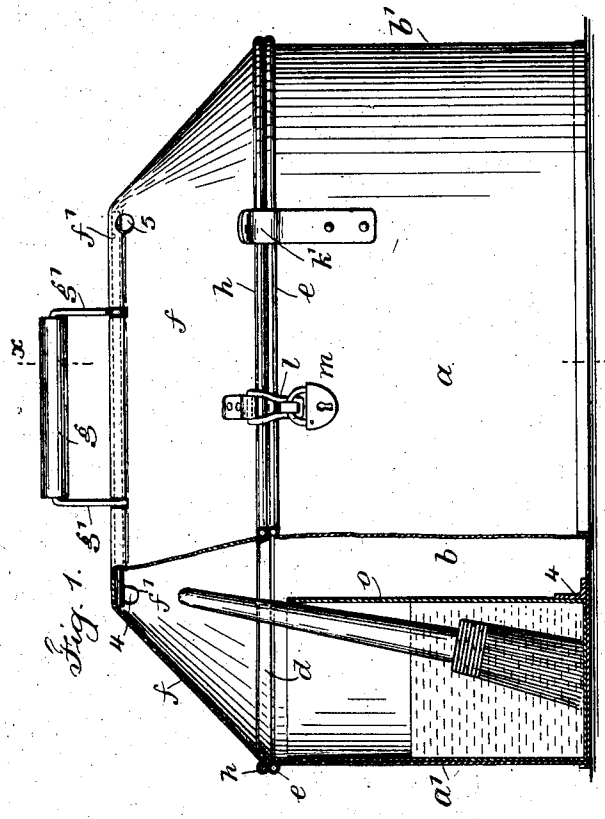


Fig. 1.

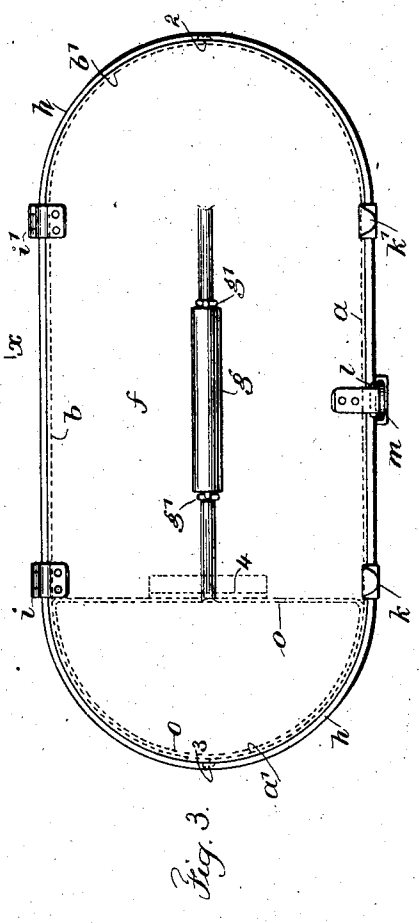


Fig. 3.

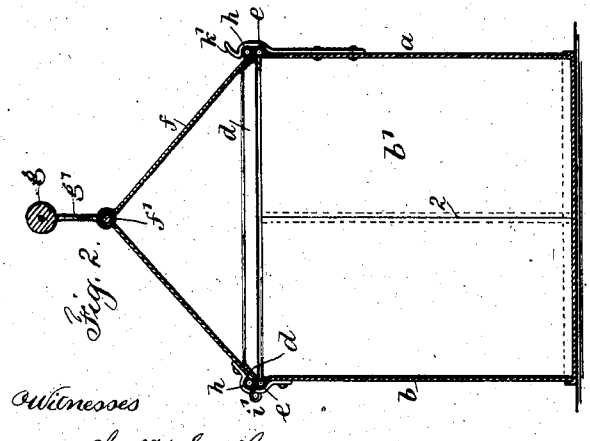


Fig. 2.

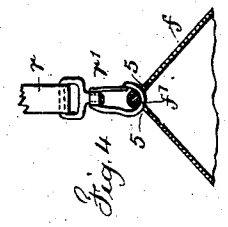


Fig. 4.

Witnesses

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CARRYING-CHEST FOR MECHANICS' TOOLS.

No. 834,721. Specification of Letters Patent. Patented Oct. 30, 1906.

Application filed June 23, 1906. Serial No. 323,008.

To all whom it may concern:

Be it known that I, NIELSON S. GREVE, a citizen of the United States, residing at Plainfield, in the county of Union and State of New Jersey, have invented a new and useful Improvement in Carrying-Chests for Mechanics' Tools, of which the following is a specification.

My invention relates to a handy and convenient chest or closure for mechanics' or artisans' use and in which they can carry the tools employed in their vocations to and from their daily labors. Heretofore leather and canvas hand-satchels have been usually employed for this purpose; but they are not convenient nor strong and are at best a makeshift.

My invention relates especially to a chest or closure adapted for the use of painters and paper-hangers, and the same is to be made of metal and is of such form and construction as to be rigid and unyielding and not liable to be injured or distorted in use.

In carrying out my invention I construct the chest with a body that is parallel-sided with rounded ends, preferably of one piece of metal joined at the center of a rounded end, or each side may be made of one piece joined at the center of the rounded ends. The bottom is flat, with a flanged edge joined to the sides and ends. The upper edge of the body is beaded and flanged. The cover is dome-shaped or peaked, coming to a center line which is wire-beaded and provided with a carrying-handle engaging said wire. The cover conforms at its beaded edge to the body and fits over the flange of the body. It is connected to the body at one side by hinges, and the other side is secured by snap-fasteners engaging one of the beaded edges and by a hasp device and padlock. Within the chest and at one end I provide a receptacle adapted to hold liquid, in which to place brushes to be kept moist between periods of use, and the position of this receptacle may be fixed in any desired manner.

In the drawings, Figure 1 is an elevation, partially broken away or in section, representing the device of my improvement. Fig. 2 is a cross-section at the dotted line $x\,x$ of Fig. 1. Fig. 3 is a plan, and Fig. 4 a cross-section, showing a means of carrying the chest.

The body of my improved carrying-chest is composed of the parallel sides a b and rounded ends a' b' of sheet metal. Said parallel sides and rounded ends may be made of one continuous strip of metal connected at the center of one rounded end by a seam 2, or the same may be of two pieces connected by two center seams 2 and 3.

The bottom of sheet metal is preferably provided with a flanged edge, within which the body is received and the parts connected by solder, as is usual in making sheet-metal articles. The body is provided with a flanged top edge d and a beaded portion e with an embedded wire. The cover f is peaked or dome-shaped, and the same is provided with a straight central portion beaded with an embedded wire f'. A handle g is provided with a bail-wire g', joining the handle with the wire f', around which the free ends of the bail-wire pass, so that the carrying-chest is suspended from the handle. This cover is provided with a wire-beaded edge h and with hinged portions i i' at one side connecting the cover to the body. The opposite side of the body and cover are connected by snap-fasteners k k', a central hasp l, and a padlock device m. These snap-fasteners are shown as secured to the outer surface of the body and as engaging the wire-beaded edge h of the cover; but I do not limit myself in this respect, as the snap-fasteners may be secured to the cover and engage the beaded portion e of the body. By these devices the cover is securely connected to the body, and said parts are strong enough to carry any weight that may be placed in the body that the handle is strong enough to support.

I provide an inner vessel o, which in the drawings is shown as composed of a flat side, a half-round side, and a flat bottom adapted to be received in one end of the carrying-chest. This inner vessel is shown without a cover; but a cover may be provided, and the use or disuse of the cover for this inner vessel will depend upon the use to which the inner vessel is to be put. I prefer to keep this inner vessel in place in one end of the chest and for this purpose have shown a flanged strip 4, secured to the bottom of the chest.

Without a top or cover the inner vessel is adapted to receive a liquid—such as water, oil, or turpentine—into which brushes that have been used in paint may be placed to keep them soft over night, the chest being of ample depth to receive a paint-brush stood up at a slight inclination. The remaining internal portion of the vessel is adapted to receive the brushes, rollers, and other para-

phernalia of a wall-paperer's trade or paraphernalia of a painter's trade together with overalls, or the inner vessel *o*, if provided with a cover, may receive screws, nails, or other devices used in a carpenter's trade and the balance of the chest hammers and other tools and overalls or lunch.

The peaked or dome-shaped construction of the cover provides for a maximum of strength and rigidity and for distributing evenly over the cover and from the handle the weight of the body and the contents, and the parallel-sided round-ended body provides a maximum of room and strength, and the box is without corners to come in contact with the person carrying the same or with external objects; besides, the corners are more expensive to make. Therefore the chest can be made with a maximum of strength at a minimum of cost for mechanics' use.

In the cross-section, Fig. 4, I have shown a means for carrying the chest that is independent of the handle *g* to be grasped by the hand. This is a device for carrying the chest by means of a shoulder-strap *r* having end spring-hooks *r'*. When it is desired to use the shoulder-strap *r*, the spring-hooks *r'* are passed through the holes 4 5 made in the peak of the cover below and at either side of the wire center *f''* and near its ends and engage the wire center *f''*. These holes 4 5 also serve as vents for the ventilation of the interior of the chest.

It is to be understood that I do not limit myself to the details of the construction shown and described with special reference to the flanged upper edge of the body and beaded edge of the cover, as these may be altered without departing from the spirit of my invention, it being obviously an equivalent construction to make the body without a flanged upper edge and the cover with a flanged lower edge or vice versa, as herein shown and described.

I claim as my invention—

1. A carrying-chest for mechanics' tools, comprising a body having parallel sides and rounded ends and a flat bottom, a cover of peaked or dome configuration with a longitudinal ribbed and wired center, a carrying-handle connected to the wired center at the higher portion of the cover, hinges for connecting the cover at one side to the body and suitable fastening devices for connecting the body and cover at the opposite sides.

2. A carrying-chest for mechanics' tools, comprising a body having parallel sides and rounded ends, the joined lines of the metal being at the center of one end, a flat bottom secured thereto, a flanged upper edge and adjacent beaded portion to the body, a cover having a wire-beaded lower edge adapted to fit over the flange of the body and the cover of peaked formation with a ribbed and wired center, a handle and bail connected to the center of the wire part of the cover, hinges for connecting the cover to the body and suitable fastening devices connecting the body and cover at the opposite side.

3. A carrying-chest for mechanics' tools, comprising a body having parallel sides and rounded ends, the joined lines of the metal being at the center of one end, a flat bottom secured thereto, a flanged upper edge and adjacent beaded portion to the body, a cover having a wire-beaded lower edge adapted to fit over the flange of the body and the cover of peaked formation with a ribbed and wired center, a handle and bail connected to the center of the wire part of the cover, hinges at one side connecting the cover to the body, and snap-fasteners secured to the body and engaging the wire-ribbed edge of the cover, and a hasp and padlock structure placed at the center of the chest for fastening the same.

4. A carrying-chest for mechanics' tools, comprising a body having parallel sides and rounded ends, the joined lines of the metal being at the center of one end, a flat bottom secured thereto, a flanged upper edge and adjacent beaded portion to the body, a cover having a wire-beaded lower edge adapted to fit over the flange of the body and the cover of peaked formation with a ribbed and wired center, a handle and bail connected to the center of the wire part of the cover, hinges at one side connecting the cover to the body, suitable fastening devices connecting the body and cover at the opposite side and a receptacle adapted to fit within the chest and at one end thereof as a holder for a liquid in which brushes may be placed to be kept moist.

5. A carrying-chest for mechanics' tools, comprising a body having parallel sides and rounded ends, the joined lines of the metal being at the center of one end, a flat bottom secured thereto, a flanged upper edge and adjacent beaded portion to the body, a cover having a wire-beaded lower edge adapted to fit over the flange of the body and the cover of peaked formation with a ribbed and wired center and a device adapted to engage said ribbed and wired center through openings provided in the cover and by means of which the chest is carried from the person, and suitable fastening devices connecting the body and cover at the opposite sides.

Signed by me this 18th day of June, 1906.

N. S. GREVE.

Witnesses:
GEO. T. PINCKNEY,
E. ZACHARIASEN.