

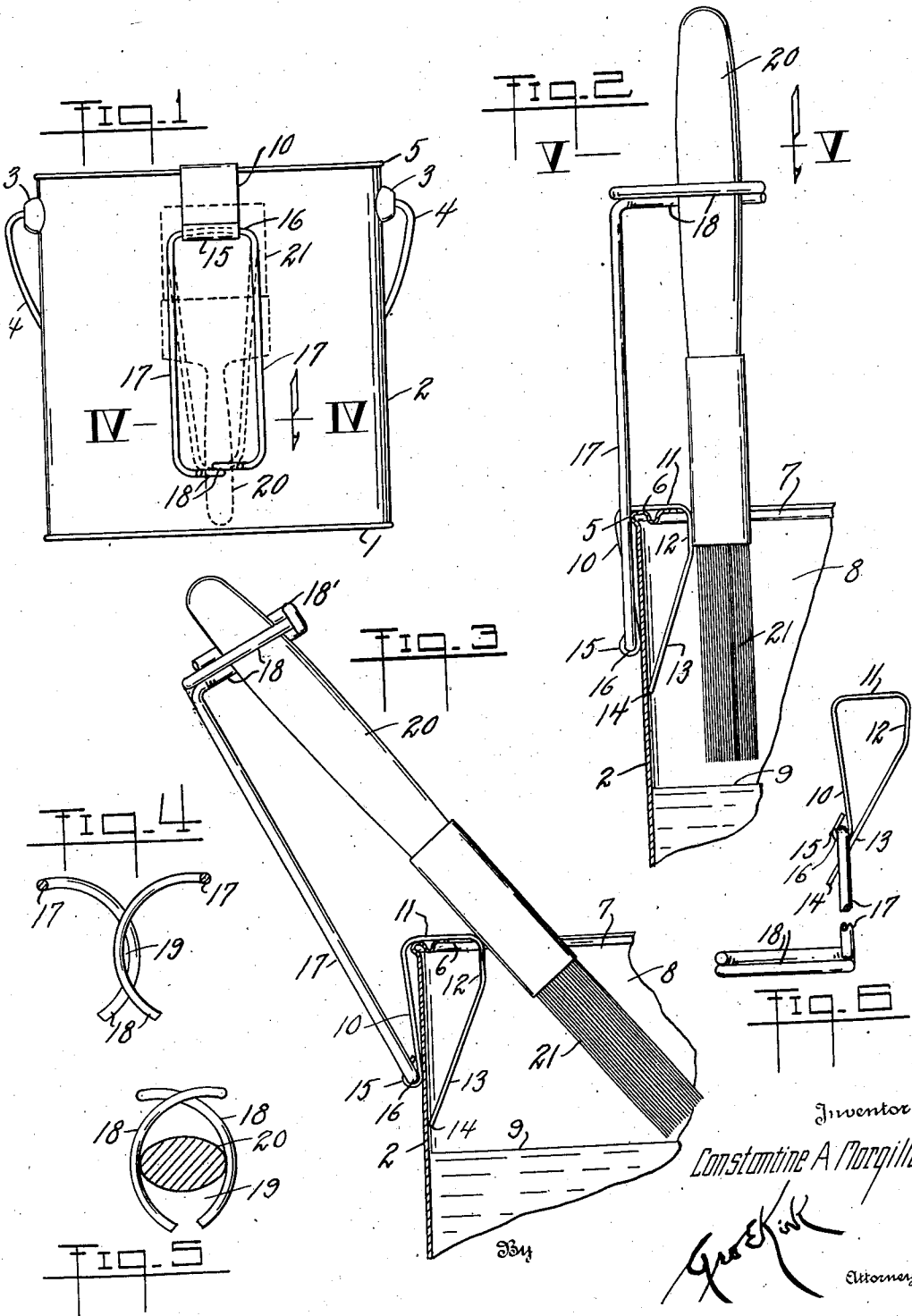
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MULTIPOSITION HOLDER FOR BRUSHES AND THE LIKE

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MULTIPOSITION HOLDER FOR BRUSHES AND THE LIKE

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2 Claims. (Cl. 248—110)

This invention relates to anchoring between an object and the mounting therefor.

This invention has utility in a brush holder readily conforming to various dimensions and positions for the brush, and further conforming as to range of features in size and placement for the mounting. Specifically the holder involves a wire spring clip for clamping a brush handle, and, jointed thereto, a strap spring clip for the rim of a bucket.

Referring to the drawing:

Fig. 1 is a side elevation of an embodiment of the invention as in position over the rim of a paint bucket, with the brush clip swung downward outside the bucket;

Fig. 2 is a view of the holder with the brush in drain or drip position over the bucket;

Fig. 3 is a view of the brush in tilted drain position over the bucket;

Fig. 4 is a section on the line IV—IV, Fig. 1, showing the embracing arms for the brush handle or clip with the brush not in position therewith;

Fig. 5 is a section on the line V—V, Fig. 2, in which the embracing arms are in holding position as to the handle of the brush; and

Fig. 6 is a detail view, with parts broken away, of the wire and strap clips of this unit device for the holder.

Paint bucket having bottom 1 with cylindrical sides 2 is provided with ears 3 mounting bail 4. The upper portion of the sides 1 terminate in bead 5 with overhang 6 to opening 7. Normally, in the use of the contents there may be clearance way 8 above pool 9 of the body of the material, as paint, varnish, or other medium of coating characteristics.

Base strap of mounting holder herein involves flat portion 10 with approximately right angle offset 11 therefrom as an overhang projecting inward to downward portion 12 and inclined outward portion 13 having free end 14 normally tending to swing under the portion 10. This portion 10 toward the free end 14 has an eye 15 adapted snugly to hold cross portion 16 of the spring wire from which extend a pair of legs 17, normally parallel, to hook arms 18. The spring tends to have such arms 18 overlapped to clamp region 19 enlarged by springing the legs 17 toward each other as the way 19 is opened to receive handle 20 of brush 21. As these legs 17 are released, the spring of the legs 17 tends to draw the arms 18 to reduce the opening 19 and thus grip the handle 20. This spring holding clip is thus adapted to hold the handle 20 at a range of positions therealong.

The cross portion 16 as fitting the eye 15 has slight bow therein, tending to resist to some extent free swinging or flap movements of the wire spring clip as to this strap metal spring clip. In bringing the assembled device of the strap and wire spring clips into position with a bucket, the lower free terminus 14 of the strap is drawn away from the eye 15 to shift such astride the rim of the bucket and, as clear of the inward overhang 6, there is ready snapping of this holder into well-anchored position as to the bucket. As so assembled the wire clip may be swung to various positions. At upright position (Fig. 2) the arms 18 are upward from the pool 9 of the bucket contents so that the brush 20, 21, may drain directly therein. The position of the handle 20 as to the clips may be such that the fibers or brush portion 21 may be even submerged in the pool 9 against draining out. Furthermore, there may be occasion for having the brush bristles clear of the contents of the bucket for draining thereinto. Another position of convenience for the user is to have the brush laterally rest on the terminus of the inward offset 11 (Fig. 3) away from the portion 10 of the strap, and in this position the legs 17 are swung slightly outward from the top of the bucket. In the further supplemental position, these spring arms 17 may be swung into position approximately parallel to the outer side of the bucket. This may be a condition to clear the bucket when the operator is using the brush, and this holder is thus clear of any interference with normal functioning as to clearance of the open top of the bucket. A reserve brush or one not contaminated may be carried by this wire clip or holder on the outside of the bucket so such may be the cleaning or wiping brush for the painter. Such brush may be either in upstanding or depending position of the bristles as to the handle.

This tool mounting scheme is readily adaptable to a wide range of uses. Herein there has been disclosed its adaptability as an accessory for painters. The single type tool may conform to a wide variety of buckets. Likewise, the holding clip has a range for a wide or variant character of brushes.

It is to be noted the subject-matter hereof primarily embodies a pair of clips or clamps, and such pair of elements constitutes the sum total of this unit. As to the mounting or base engagement, there is a hinge element, and the structure herein shown as a strap is a rigid support. There is thus herein provided a mounting for the swingable brush holding arms. More

specifically, this mounting has a spring tongue effective in the assembly. This spring tongue in the assembly, while it might be for the strap as to the hinge, may have the strap positively assembled with the bucket rim say at the outside. In the disclosure herein there is a positive assembly of this tongue 13, 14, opposing the hinge and the inner side of the bucket with the offset 11 providing the clearance at the bucket rim.

The tool or object holding clamp in this simplified device has the hinge at the eye. The pair of spring legs with the overlapping arms may, as shifted toward each other at the free ends of the legs remote from the hinge, be thereby located in clamp opening position to grasp the object to be held, say the tool handle 20. In the event the character of the object may tend to tilt, one of the arms 18 may have an extension complementary portion 13', thereby to provide a two-point grasp for the handle 20 at one side with the opposing intermediate arm 18 therebetween.

What is claimed and it is desired to secure by Letters Patent is:

1. In a two-part holder, a mounting clamp adapted to locate the holder as a unit, and a clamp for an object to be held hinged to the mounting clamp, said mounting clamp having a pivot bearing portion for the hinge, and there-

from a strap riser, an offset, and a downwardly inclined spring terminus extending normally below the pivot bearing portion, whereby, as the offset clears the rim to the opening of a bucket and the bearing is drawn against the bucket side, the downward terminus may swing into position theretoward for an effective mounting clamp with the bucket for the holder.

2. In a two-part holder, a mounting clamp adapted to locate the holder as a unit, and a clamp for an object to be held hinged to the mounting clamp, said latter clamp having spaced legs with a connecting cross portion, the mounting clamp having wrap means about the cross portion thereby to form the hinge as to which axis the respective clamps are swingable, and from said hinge said mounting clamp opposing grip portions diverging from the region of engagement for holding, and in so diverging being yieldably connected, whereby, as the diverging portions of this mounting clamp clear the rim to the opening of a bucket and the hinge is thereby located at the bucket for the object holding clamp to swing on said hinge into overhanging position as to the bucket as well as away therefrom to be clear of suspending an object into the bucket.

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