Dec. 31, 1957 A. L. DON 2,817,866

HOLDER FOR ADJUSTABLY SUPPORTING A PAINT BRUSH

Filed Jan. 26, 1954

Fig. 1.

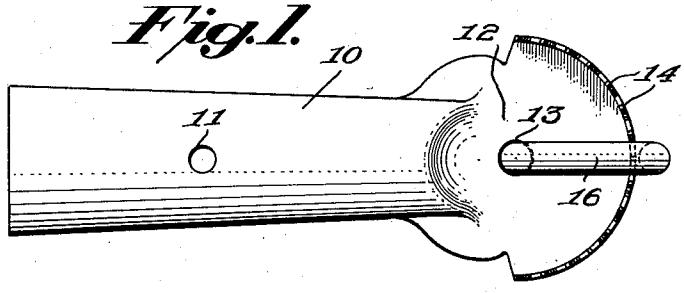


Fig. 2.

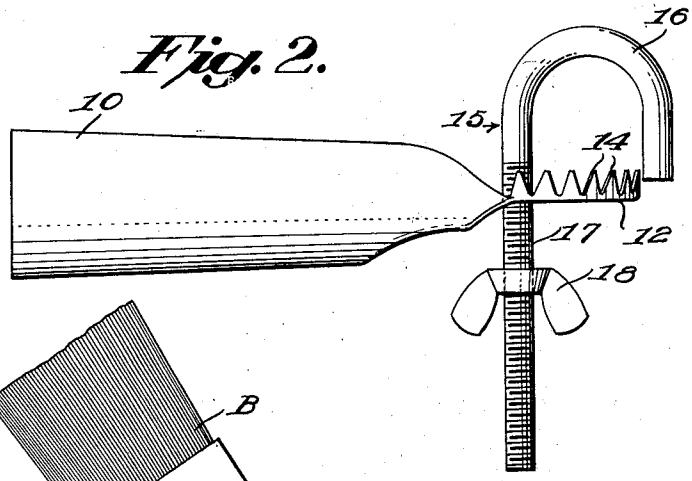


Fig. 3.

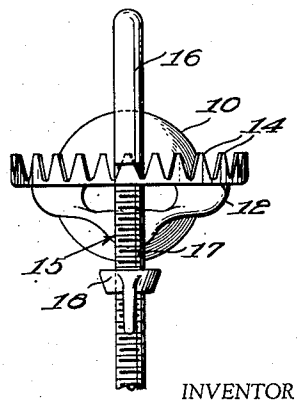
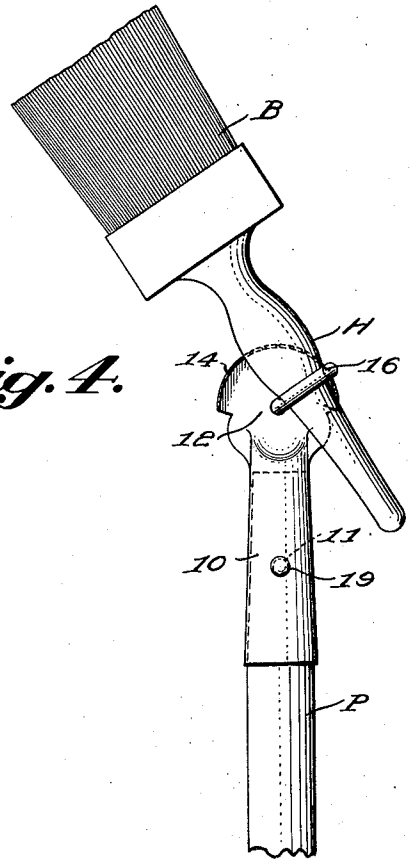


Fig. 4.



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HOLDER FOR ADJUSTABLY SUPPORTING A PAINT BRUSH

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1 Claim. (Cl. 15—146)

This invention relates to holder for adjustably supporting a paint brush.

The invention is more particularly concerned with a holder adapted to be secured to one end of a pole and to support a paint brush in rigid relation to the pole and at various predetermined angles thereto, thereby adapting the brush to effective use on different angularly related surfaces as is particularly prescribed on ships and in shipyards.

While it is appreciated that structures of the above noted general character have heretofore been constructed or proposed, it is a primary object of this invention to provide a paint brush holder which while being of equal efficiency as previous structures, is substantially simpler in construction whereby the manufacture thereof is greatly facilitated.

A further object of the invention is to provide a holder for support on one end of a pole and which is adapted to support a paint brush at various selected angular positions relative to the pole with a minimum of effort and manipulation of parts.

A still further object of the invention is to provide an adjustable paint brush holder of the general character above referred to and for the purpose set forth which comprises relatively few simple and rigid elements whereby the holder is not liable to breakage and which in any adjusted position thereof will hold the brush at any desired angle to the pole during painting operations.

Other objects and advantages of the invention will become apparent in the course of the following detailed description, taken in connection with the accompanying drawing, wherein—

Fig. 1 is a top plan view of the improved paint brush holder in accordance with a preferred structural embodiment thereof.

Fig. 2 is a side elevational view of the holder.

Fig. 3 is a front elevational view of the holder with a portion thereof broken away.

Fig. 4 is a top plan view of the holder on a reduced scale and showing a paint brush held thereby in one of many possible angular positions thereof.

Referring now in detail to the drawing, the improved brush holder comprises an elongated tapered socket member **10** whose wall is provided with an aperture **11** for a purpose later referred to.

The socket member **10** merges into a unitary plate **12** of sector form and which is provided with an aperture **13** which is concentric to the perimeter of the sector.

The said perimeter of the sector is provided with a series of relatively sharp teeth **14** which project substantially at right angles from the plate **12**.

A bolt member **15** is included in the structure and which includes a U-shaped head **16** opening toward the plate **12** and a threaded shank **17** extending through the aperture **13** and a thumb nut **18** is disposed on the threaded shank **17**.

The improved holder is adapted to be rigidly secured to a pole P whose one end is tapered and entered into the socket member **10** after which, a nail, screw or the like is passed through the aperture **11** and driven into the tapered end of the pole for rigidly securing the holder thereto.

The structure above described is adapted to removably hold a paint brush B as indicated in Fig. 4. In use of the holder the bolt member **15** is rotated about the axis of the threaded shank **17** to dispose the plane of the U-shaped head at right angles to the longitudinal axis of the brush B for any desired angularity thereof. The brush handle H is then inserted into the U-shaped head **16** whereupon the thumb nut **18** is drawn up against the bottom of the plate **12** with the brush handle H tightly clamped in non-slip engagement between the teeth **14** of said plate and the head as is shown in Fig. 4.

The brush B is indicated in Fig. 4 as being rigidly supported in one of many possible angles to the axis of the pole P, the angle being dependent upon the rotation of shank **17** in aperture **13** with a corresponding disposition of the bight of the U-shaped head **16**.

The angularity of the brush B may readily be changed by simply loosening the nut **18** and rotating the bolt member after which the nut is tightened.

It is to be particularly observed that the holder is simple and rugged in structure and is capable of easy and quick manipulation in use.

While I have disclosed my invention in accordance with a single specific structural embodiment thereof, such is to be considered as illustrative only and not restrictive, the scope of the invention being defined in the sub-joined claim.

What I claim and desire to secure by U. S. Letters Patent is —

A paint brush holder comprising an elongated socket member for receiving one end of a supporting pole, a plate unitary with one end of the socket member and disposed in a plane parallel with the longitudinal central axis thereof, said plate having an arcuate edge outwardly of said socket member, an arcuate series of teeth projecting from said edge at right angles to said plane, said teeth being of substantial length in a direction normal to said plate and in a semi-circular arc concave toward said socket member and which is bisected by said axis, said plate being provided with an aperture concentric with said edge, a bolt member comprising a U-shaped head in a plane normal to said plate and an elongated threaded shank freely extending through said aperture, and a nut on said threaded shank adapted to engage said plate from the side thereof opposed to said teeth for drawing said U-shaped head toward the teeth for clamping the handle of a paint brush between said U-shaped head and predetermined ones of said teeth which latter provide a non-slip engagement of the handle with the plate, the bolt member providing for clamping of the brush handle at various angles relative to the axis of said aperture upon rotation of the threaded shank therein.

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