ABSTRACT

The wooden coupling has a substantially square cross section and is provided with a standard screw socket in one end for receiving the end of an extension rod handle, and a sponge rubber sleeve in a bore in its other end for receiving a brush handle so as to extend its reach to remote places which could otherwise not be reached without the use of a step ladder or some other cumbersome supporting apparatus onto which the painter would have to climb in order to reach them.

4 Claims, 3 Drawing Figures
BRUSH EXTENSION HANDLE COUPLING

BRIEF SUMMARY OF THE INVENTION

The simple screw-ended extension handle has been customarily used by painters, fixed in the end of a roller handle for using the roller on ceilings and the upper wall portions from the floor, but it is normally impossible for the conventional roller to cover the edge areas along the corners where the top of the walls meet the ceiling. It has therefore been necessary to use a step ladder or, some other elevating apparatus to enable the painter to reach these areas with a cut-in brush.

It was discovered that much time and effort could be saved by the use of a simple coupling which could be mounted on the end of the conventional roller extension rod handle normally carried in the painter's kit, the outer end of which coupling being provided with a bore having a sponge rubber sleeve into which a cut-in brush handle could easily be inserted and firmly held for use in reaching the areas along the ceiling corners from the floor without the need of a step ladder or other elevated support means. Thus a painter having this coupling in his kit would need no ladder or other cumbersome scaffolding to lug around with him to his painting jobs.

No coupling of this type could be found in the prior art. The closest reference found was Pat. No. 1,237,056 issued to J. H. Kitchen on a gun cleaner attachment, disclosing a coupling for a gun bore brush the shaft of which has a screw threaded end for fixing into one end of the coupling, the other end of which has a screw socket for receiving the end of the extension rod.

The object of the present invention is to enable a painter to save much time and effort on jobs normally requiring the use of ladders or scaffolding, without hauling such cumbersome equipment around to these jobs, and using, instead, a simple brush handle extension coupling on the end of the conventional rod extension handle to hold a small brush for reaching the distant areas of his paint job without the necessity of climbing on any supporting equipment.

A further object is to make the coupling rectangular in shape so as to provide easy handling, stacking and packing.

Other objects will become apparent in the following detailed description of this invention, as illustrated in the accompanying drawing.

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 shows a conventional roller with a conventional extension rod handle.

FIG. 2 shows a preferred form of the novel brush holder coupling used on the end of a conventional extension rod handle, and

FIG. 3 is a central cross-sectional view of the coupling.

DESCRIPTION OF THE PREFERRED EMBODIMENT

The conventional paint roller, as shown in FIG. 1, has a handle 10 and a roller 12. A screw socket is provided in the end of handle 10 for the reception of the screw end 28 of an extension rod handle 14 for use in painting ceiling and high wall corner areas not reachable with the roller 12, since the use of the roller normally does not reach the area strips along the corners where the walls and ceiling meet, and it is necessary to paint these areas with a cut-in brush. It was found that a cut-in brush could be mounted at the end of the conventional extension rod handle by means of the novel coupling into which the brush handle could be easily inserted and firmly held for reaching the remote areas without climbing on any supporting equipment.

Such coupling 16 is shown in FIGS. 2 and 3 as being a block of wood having a substantially square cross-section with a sponge rubber sleeve 24 mounted in a bore in one end 20 of the block for receiving the handle of a brush 18, and a screw socket 26 in the other end 22 of the block for receiving the screw end of a conventional rod extension handle 14.

Obviously, the coupling can be made of other suitable materials instead of wood, such as plastics, hard rubber or even metal, and the sleeve could have an oval shaped cross-section to match the shapes of the brushes used.

Many other obvious modifications in form and structure as well as assembly of this coupling may be made without departing from the spirit and scope of the present invention.

What is claimed is:

1. A paint brush extension handle coupling comprising
   a block of suitable material having a substantially square cross-section and being of sufficient length to provide for connecting sockets in its opposite ends,
   the connecting socket in one end consisting of a bore having a sleeve of resilient sponge material for receiving and frictionally holding the handle of a conventional paint brush, and
   the connecting socket in the other end having an internal screw thread for receiving the screw end of a conventional extension rod handle.

2. An extension handle coupling as defined in claim 1,
   said block material being wood.

3. An extension handle coupling as defined in claim 1,
   said sleeve material being sponge rubber.

4. An extension handle coupling as defined in claim 1,
   the corners of the screw socket end of said block being rounded off.

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