

March 9, 1926.

1,575,697

S. J. LESSING

PAINTBRUSH

Filed March 19, 1925

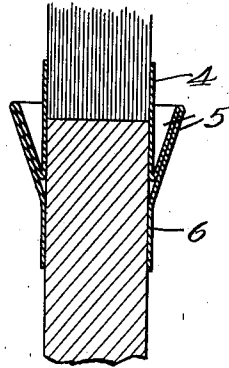


Fig. 3

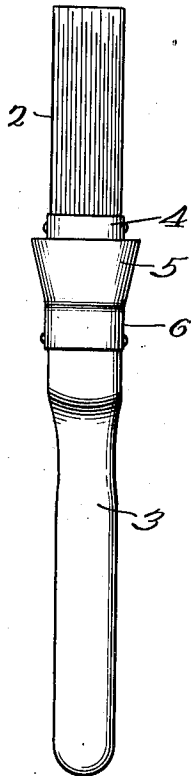


Fig. 2

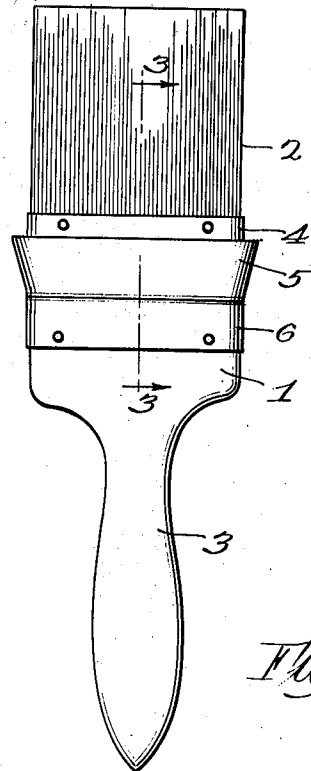


Fig. 1

Inventor:
Samuel John Lessing
By Arthur F. Durand
Att'y.

UNITED STATES PATENT OFFICE.

SAMUEL JOHN LESSING, OF ST. JOSEPH, MICHIGAN.

PAINTBRUSH.

Application filed March 19, 1925. Serial No. 16,593.

To all whom it may concern:

Be it known that I, SAMUEL JOHN LESSING, a citizen of the United States, and resident of St. Joseph, Berrien County, Michigan, have invented a certain new and useful Improvement in Paintbrushes, of which the following is a specification.

This invention relates to paint brushes, or brushes for applying liquids of any suitable or desired character, to walls or other surfaces, and more especially which are adapted to be held in the hand and used at such an angle that the liquid is liable to flow back on to the hand of the user.

Generally stated, therefore, the object of the invention is to provide a brush of this general character, having a guard extending around the head thereof, at the base of the bristles, so that a receptacle will be formed into which the paint or other liquid may flow, thus preventing the same from running back on to the hand of the user.

It is also an object to provide certain details and features of construction tending to increase the general efficiency and the desirability of a liquid applying brush of this particular character.

To these and other useful ends the invention consists in matters hereinafter set forth and claimed and shown in the accompanying drawing in which:

Fig. 1 is a side elevation of an ordinary paint or varnish brush embodying the principles of the invention.

Fig. 2 is an edge view of said brush.

Fig. 3 is an enlarged vertical section on line 3—3 in Fig. 1.

As thus illustrated, the invention comprises a head portion 1 for the bristles 2, which latter may consist of ordinary bristles or any other suitable means. The said head has a handle 3 by which to manipulate the brush in the hand.

The head of the brush is provided with a trough-like receptacle formed by the inner sheet metal wall 4, which extends entirely around the head and forms a socket or ferrule for the base of the bristles 2, and outer double walls 5 which are flared outwardly to form the trough-like receptacle. The other portions 6 of the sheet metal are securely and snugly fastened to the head portion 1 of the brush in any suitable or desired manner. Thus the guard is formed

from a single section of sheet metal bent and folded around itself to provide a trough-like receptacle having a single thickness inner wall and a double thickness outer wall in the manner shown.

With this construction and arrangement, it is obvious that any paint or other liquid which may flow downward from the bristles 2, when the brush is held upside down, as in painting or varnishing an overhead surface, certainly will be caught and held in the trough-like receptacle formed around the base of the brush proper, and thereby prevented from running back on to the hand of the painter or other person using the brush.

This guard thus provided, made of one piece, has the advantage that a leak-tight trough is provided. And, also, with the outwardly flared guard formed in this way, with a stiff double wall, the painter's fingers can rest against the outer surface thereof, in a convenient and easy manner. It will be seen that the sheet metal is bent and doubled upon itself twice, once at the upper edge of the double thickness outer wall 5, and once at the lower edge of the inner wall 4, where this inner wall is identical with the inner thickness of the outer double wall. The wall 4 preferably extends some distance above the wall 5, in order to stiffen the brush, and in order to facilitate the fastening of the bristles or other materials in place, in the manner shown. But the invention is not limited to the exact construction shown and described.

What I claim as my invention is:

1. A brush for applying liquids, comprising a handle, a bristle knot arranged at one end of the handle, a ferrule surrounding the handle and base of the bristle knot, said ferrule having a single thickness inner wall and a double thickness outer wall, the lower edge of the inner wall being integral with the lower edge of the inner thickness of the outer wall, forming in cross section a trough between the single thickness and the double thickness, shaped to catch any liquid which might otherwise run down the handle on to the hand of the user, when the brush is used with the handle pointing downward.

2. A structure as specified in claim 1, said guard comprising a sheet metal ferrule flared to extend outward around the base

of the bristles, forming with said inner wall a leakproof V-shaped receptacle into which the liquid may flow when the brush is directed upwardly, the inner wall extending
5 above the edge of said outer wall.

3. A structure as specified in claim 1, said guard comprising a single tubular section of sheet metal bent and doubled back upon it-

self twice to form said inner wall and outer wall, and to provide a wall which is integral
10 with the lower edge of the outer thickness of said double wall to form a socket for the handle.

Specification signed this 16th day of March, 1925.

SAMUEL JOHN LESSING.