

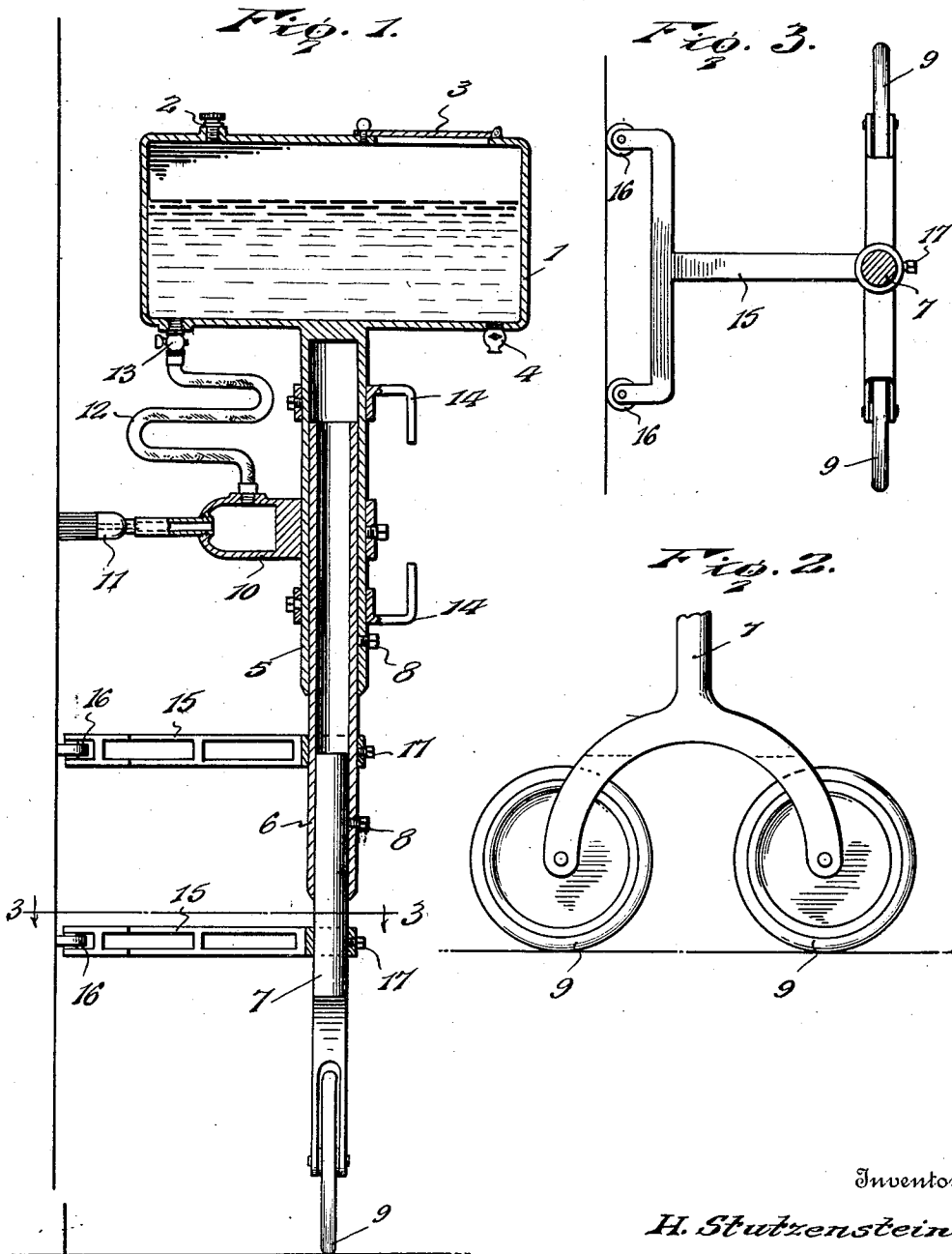
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STRIPING MACHINE

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UNITED STATES PATENT OFFICE

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STRIPING MACHINE

Application filed February 19, 1929. Serial No. 341,120.

The invention relates to a machine for marking stripes, bands or lines upon walls or analogous surfaces, and includes a striping brush, a fount for holding the paint, a flexible tube between the fount and brush, a valve for regulating the flow of paint, and a supporting frame for receiving the parts comprising the machine, said frame being adjustable to position the brush at the desired height corresponding to the required distance of the stripe from the edge of the surface and mounted upon a rolling support for convenience of movement when marking the stripe.

While the drawings illustrate a preferred embodiment of the invention, it is to be understood that in adapting the means to meet specific needs and requirements the design may be varied and changes in the minor details of construction may be resorted to within the scope of the invention as claimed, without departing from the spirit thereof.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and the drawings hereto attached, in which

Figure 1 is an elevational view, partly in section, of a striping machine embodying the invention,

Fig. 2 is a detail view of the foot of the adjustable frame, and

Fig. 3 is a detail section on the line 3—3 of Fig. 1.

Corresponding and like parts are referred to in the following description and designated in the several views of the drawings by like reference characters.

The numeral 1 denotes a fount or reservoir for containing the paint or other striping material. The fount is provided with a filling opening which is normally closed by means of a plug 2 and with an opening closed by means of a cover 3 and through which access may be had to the interior of the fount for removing accumulation which cannot be drawn off through the pet cock 4 applied to the bottom. The fount or reservoir 1 is mounted upon an adjustable frame which is of sectional formation. The sections, three in number, have a telescopic arrangement

and are designated by the numerals 5, 6 and 7. Binding screws 8 secure the sections in the required adjusted position. The frame is mounted upon wheels 9 which are applied to the bottom section 7. A holder 10 is adjustable on the frame and receives the marking brush 11. A flexible tube 12 connects the fount or reservoir 1 with the brush holder 10 and supplies the paint or other material thereto, the feed being regulated by means of a valve 13. The holder 10 is chambered and the handle of the brush 11 is tubular and connects with the chamber to receive the paint or other material therefrom. Handles 14 are adjustable on the frame and provide convenient means for manipulating the apparatus.

Guide arms 15 are adjustable on the frame and are provided at their outer forked ends with wheels 16 to engage the wall or other surface upon which a stripe is to be marked and space the apparatus therefrom a distance to admit of the brush 11 forming the band or stripe also insure steady movement of the machine. The arms 15 are adapted to be secured in the required adjusted position by means of binding screws 17.

It is observed that the brush 11 may be of any width depending upon the breadth of the stripe or band to be formed. The paint or other marking material is supplied to the fount 1 and is fed therefrom to the brush through the tube 12, chambered holder 10 and tubular handle of the brush. The valve 13 provides for regulating the feed of the paint or of shutting off the flow. The supporting frame may be lengthened or shortened as required and the brush holder moved to the required elevation thereon depending upon the distance of the stripe from the floor or the edge of the surface to be striped. The marker is moved over the floor with the wheels 16 of the guide arms in contact with the wall or other surface upon which the stripe is to be formed. After a little practice the machine may be deftly manipulated for effective striping as will be readily understood.

Having thus described the invention, I claim:

A striping machine comprising a standard having sections disposed in telescoping engagement with each other, means to releasably secure the sections in adjusted position to regulate height of the standard, the lower section terminating in depending forks having supporting wheels carried thereby, arms projecting horizontally from the standard one above another and each having a sleeve at its inner end surrounding the standard and side arms at its outer end carrying rollers at their ends to bear against a wall to be marked and retain the standard in an upright position in parallel spaced relation to the wall, means to releasably secure the arms in vertically adjusted positions upon said standard, a reservoir at the upper end of said standard, a chambered holder engaged about the upper section of said standard and adjustable circumferentially and vertically thereon, a brush having a hollow handle carried by said holder and communicating with the chamber thereof, and a valve controlled flexible pipe for delivering marking fluid from said reservoir to the chamber of said holder.

In testimony whereof I affix my signature.
HENRY STUTZENSTEIN. [L. S.]