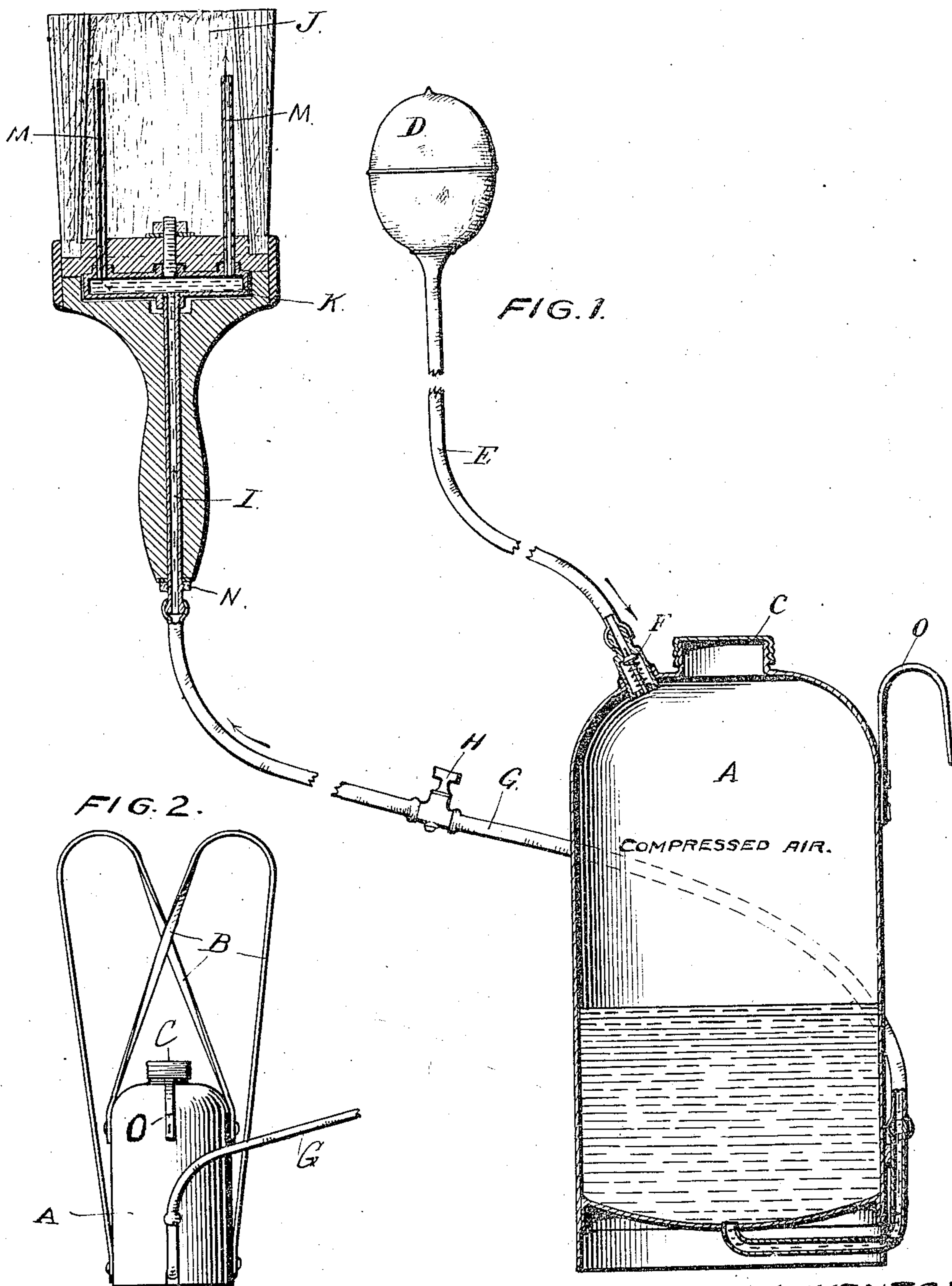


No. 626,750.

Patented June 13, 1899.

C. W. CARTER.
PAINTING APPARATUS.
(Application filed Sept. 27, 1897.)

(No Model.)



WITNESSES.
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CLARENCE W. CARTER, OF HOWARD LAKE, MINNESOTA.

PAINTING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 626,750, dated June 13, 1899.

Application filed September 27, 1897. Serial No. 653,193. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE W. CARTER, a citizen of the United States, residing at Howard Lake, in the county of Wright and State of Minnesota, have invented a certain new and Improved Painting Apparatus, of which the following is a specification.

The primary object of my invention is to provide a cheap, simple, and durable apparatus for spreading paint or varnish which shall enable the operator to cover surface with greater rapidity than with the pail and hand-brush now commonly used.

A further object is to enable the operator to spread as thin a coat as desired and to spread a thick coat without spilling or wasting the paint.

My invention consists, essentially, of a tank or reservoir, tube, and brush, and will be more readily understood by reference to the accompanying drawings, forming a part of this specification.

Figure 1 shows the reservoir and brush in section and the pressure-bulb in elevation. Fig. 2 is a reduced side elevation of the reservoir, showing the straps for fastening same on the back of the operator.

The reservoir A, which is preferably carried upon the back of the operator, is fitted with the air-tight cap C. The air-pump D is attached to the flexible tube E, which leads from the top of the reservoir over the shoulders, placing the air-pump in a position easily reached by either hand when the apparatus is in position on the back. The valve F is of an ordinary type suitable to retaining pressure in the reservoir.

The flexible tube G leads from the bottom of the reservoir around to the shut-off valve H, which comes in front of the operator when the apparatus is in position on the back, and then to the metal tube I in the handle of the brush J. The tube I is held in position by the nut N at one end and the hollow cross-bar K at the other. Attached to the cross-bar are one or more flexible tubes M-M, which terminate among the bristles of the brush.

To operate the apparatus, the reservoir A is partly filled with the paint or varnish to be used, and the cap C is screwed on tightly, so as not to leak air. The apparatus is then swung upon the back by means of the straps B B, Fig. 2, and sufficient air-pressure is pumped into the reservoir by means of the air pump or bulb D to readily force the paint through the tube G into the brush. The operator then brushes the paint onto the surface to be covered.

The shut-off valve is used when the operator stops work or in case the paint is flowing too rapidly, when it can be partially shut off or shut off entirely for smoothing up the surface already covered.

It will readily be understood that the reservoir can be hung higher than the point where the work is being done, causing the paint to flow through the tube and into the brush by the force of gravity instead of by air-pressure, as I have shown in the drawings. It will be further understood that the apparatus need not be swung upon the back of the operator, but may be set upon the scaffold or hung upon the ladder by means of the hook O, Fig. 1.

Having described my invention, I claim as new and desire to secure by Letters Patent—

A painting apparatus, comprising a reservoir A having a tube G connected to its lower portion, a brush having a tube I extending through its handle and connected to said tube G, a hollow cross-head K connected to said tube I, flexible tubes M extending from said cross-head and terminating among the bristles of the brush, a valve F in the upper part of said reservoir, an air-pump connected to said valve and a valve H in said tube G, substantially as described.

CLARENCE W. CARTER.

Witnesses:

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A. F. KING.