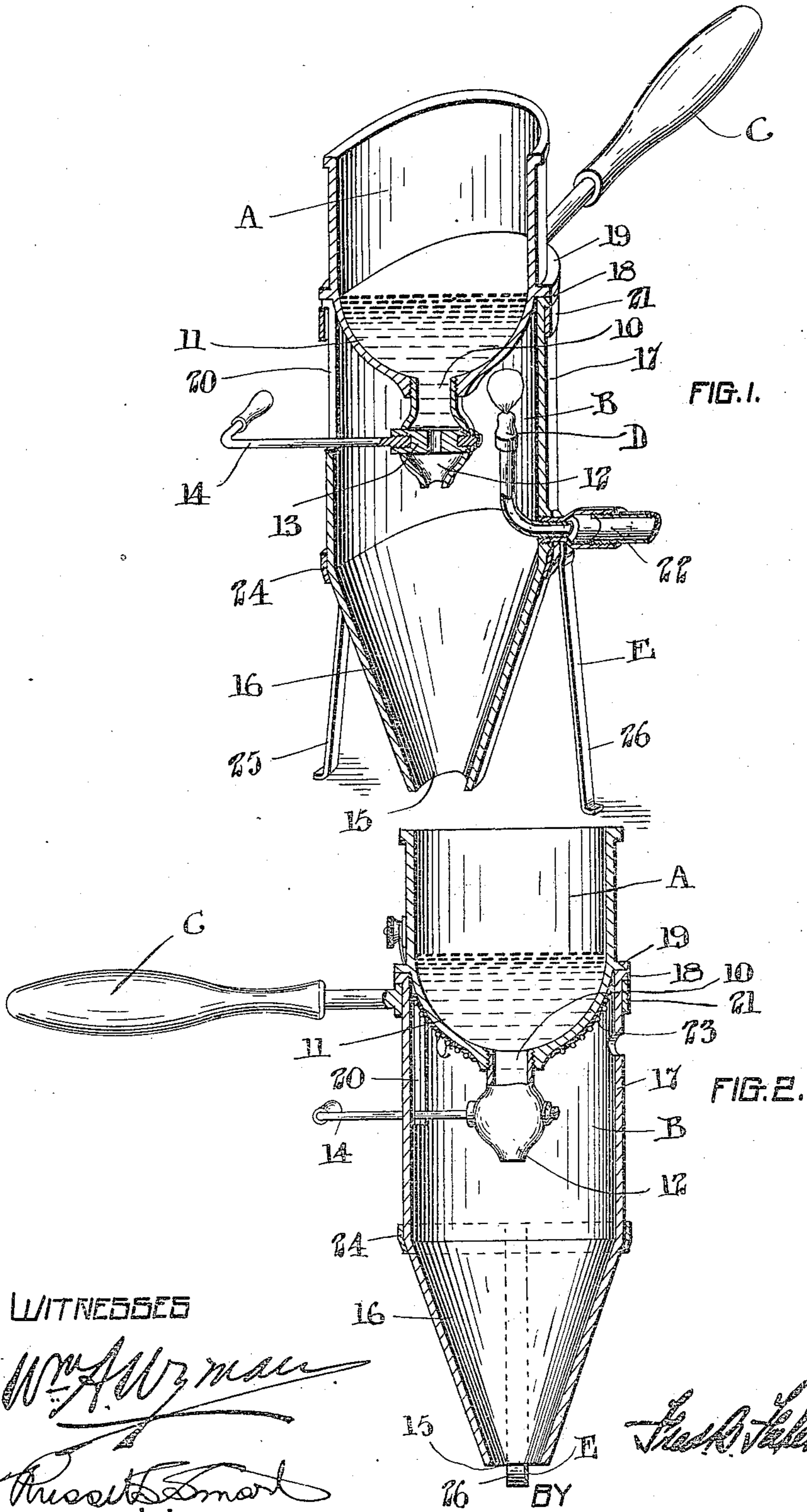


S. C. MATTHEWS.  
 DEVICE FOR MELTING AND APPLYING SEALING WAX.  
 APPLICATION FILED MAY 11, 1909.

962,375.

Patented June 21, 1910.



WITNESSES

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 ATT'Y.

# UNITED STATES PATENT OFFICE.

STEPHEN C. MATTHEWS, OF ST. JOHN, NEW BRUNSWICK, CANADA.

DEVICE FOR MELTING AND APPLYING SEALING-WAX.

962,375.

Specification of Letters Patent. Patented June 21, 1910.

Application filed May 11, 1909. Serial No. 495,367.

*To all whom it may concern:*

Be it known that I, STEPHEN C. MATTHEWS, of St. John, in the Province of New Brunswick, Canada, have invented certain  
5 new and useful Improvements in Devices for Melting and Applying Sealing-Wax and the Like, of which the following is a specification.

My invention relates to an improved device for melting and applying sealing wax or the like, and the objects of my invention are to afford convenient and simple means for melting the wax and withdrawing small quantities when desired, further objects being to provide simple and effective means for heating the wax and preventing splashing of the same as it drops out of the receptacle. These objects are accomplished by the structure described in detail in the  
10 accompanying specification and drawings, the features of novelty in which are pointed out in the claims.

In the drawings, Figure 1 is a sectional perspective view of the device. Fig. 2 is a vertical section through an alternative form of the invention. Fig. 3 is a vertical section through the valve controlling the flow of the wax.

In the drawings, like characters of reference indicate corresponding parts in each figure.

Referring to the drawings, A represents the receptacle for the sealing wax or the like, to be melted, which receptacle may be of any  
35 suitable form and material, and in accordance with the present invention, is provided with an outlet 10 for the wax at the bottom, and the inner wall 11 of the receptacle is converged toward its outlet. Suitable means are provided for controlling the passage of wax or the like through this outlet. In the embodiment illustrated, a discharge nozzle 12 is provided having a plug valve 13 therein operable by a laterally extending handle 14.

To prevent splashing of the wax as it drops from the nozzle 12, the receptacle A is preferably used in combination with a guard member B having a discharge aperture 15 in the bottom and conically tapered walls 16 leading to said discharge aperture. In the embodiment illustrated, this guard member is provided with a cylindrical upper portion 17 having a lateral flange 18 at the top  
50 adapted to abut a flange 19 on the receptacle A, the handle 14 being adapted to extend

through a longitudinal slot 20 in the guard member. To raise both the guard member and the receptacle, a handle C may be provided, that illustrated being formed with  
60 an annular bend 21 notched beneath the flange 18.

To melt the wax suitable heating means are provided, operated electrically or by the burning of a suitable combustible. In the  
65 form illustrated in Fig. 1, a burner D is provided within the guard member having its flame adapted to impinge on the underside of the receptacle, the said burner being supplied by a suitable pipe 22 leading through  
70 the guard member. In the form illustrated in Fig. 2, the heating is accomplished through electric resistance wires 23 wound around the exterior of the receptacle on the underside thereof.

To support the device when not in use, a suitable stand E may be provided, that illustrated comprising an annular ring 24 adapted to engage the guard member and suitable legs 25 and 26.

From the above description, it will be seen that the wax or other like material in the receptacle may be melted by the means indicated, and quantities desired for use may be drawn off by simply turning the valve 13.  
85 As this is a plug valve fitting closely within the nozzle, there is no danger or liability of the sealing wax sticking or clogging the same. The wax which is drawn off is always that from the lower part of the receptacle, which is nearer to the heating means, and thus the wax so drawn off, will possess a greater degree of heat than that above. When the device is used in combination with the guard member illustrated, all  
95 splashing of the wax as it falls, out of the nozzle is prevented. Any of the wax falling to one side from the nozzle 12 will drop on to the conical wall 16 and fall out through the aperture 15.

As many changes can be made in the above construction and many apparently widely different embodiments of my invention within the scope of the claims, may be made without departing from the spirit or scope  
105 thereof, it is intended that all matter contained in the accompanying specifications and drawings shall be interpreted as illustrative and not in a limiting sense.

What I claim as my invention is:—

1. In a device of the character described, a receptacle for wax or like material, having

a valved outlet, means for heating the receptacle and a guard member connected to and movable with the receptacle, and said guard member surrounding the outlet and having an aperture therein, through which the wax or the like may fall.

2. In a device of the character described, a receptacle for wax or like material, having a valved outlet, means for heating the receptacle and a guard member connected to and movable with the receptacle, the said guard member surrounding the outlet and having an aperture therein through which the wax or the like may fall, and being formed on the interior with walls tapered toward said aperture.

3. In the device of the character described, a receptacle for wax or like material, having a valved outlet, means for heating the receptacle, and a guard member surrounding the outlet and having an aperture therein through which the wax or the like may fall, the said guard member being removably connected to the receptacle and a handle connected to the guard member by which the guard member and receptacle may be lifted.

4. In a device of the character described, a receptacle for wax or like material having a valved outlet, means for heating the re-

ceptacle, and a guard member into which the receptacle is socketed, having an aperture therein through which the wax or the like may drop and a handle connected to the guard member by which the guard member and receptacle may be lifted.

5. In a device of the character described, a receptacle for wax or the like having a discharge nozzle with a plug valve therein, means for heating the receptacle, and a guard member connected to and movable with the receptacle, the said guard member surrounding the nozzle having an aperture therein, through which the wax or the like may flow.

6. In a device of the character described, a receptacle for wax or like material having a valved outlet, means for heating the receptacle and a guard member surrounding the outlet and having an aperture therein through which the wax or the like may fall, and a handle connected to the guard member.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

STEPHEN C. MATTHEWS.

Witnesses:

ALMA DOYLE,  
OMAR E. MUELLER.