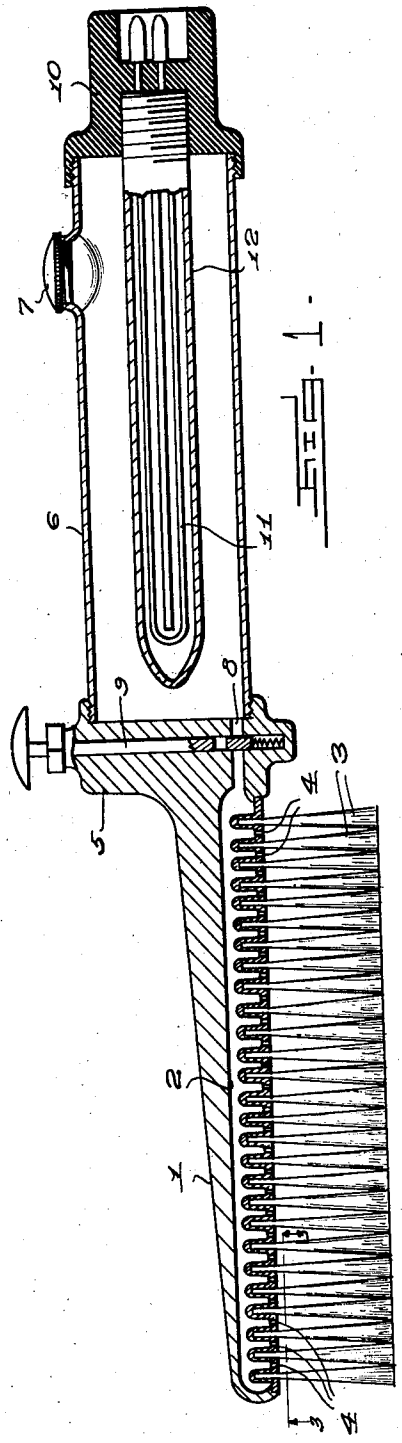
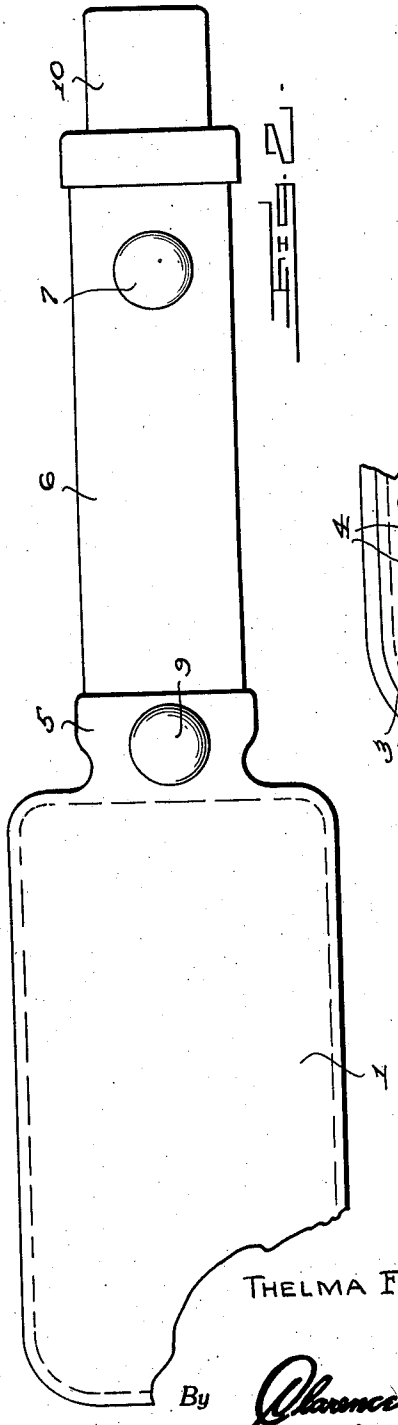
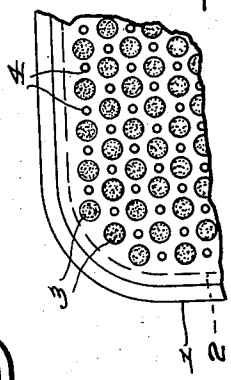
June 4, 1940. T. F. E. POUND 2,203,361

FOUNTAIN BRUSH

Filed May 23, 1939







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FOUNTAIN BRUSH

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Application May 23, 1939, Serial No. 275,280

1 Claim. (Cl. 219—21)

The present invention relates to new and useful improvements in fountain brushes of the handle reservoir type and has for one of its important objects to provide, in a manner as hereinafter set forth, a device of this character comprising novel means for electrically heating the fluid in the reservoir when desired.

Other objects of the invention are to provide a fountain brush of the aforementioned character which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, attractive in appearance, light in weight and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in vertical longitudinal section through a fountain brush constructed in accordance with the present invention.

Figure 2 is a top plan view thereof.

Figure 3 is a fragmentary view in horizontal section, taken substantially on the line 3—3 of Fig. 1.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a cast or molded back 1 of any suitable material which is formed to provide a chamber 2. Mounted in the back 1 are bristles 3. Fluid discharge ports 4 between the bristle sockets communicate with the chamber 2 in the back 1.

Formed integrally with one end of the back 1 is a head 5. Threadedly connected to the head 5 is a reservoir 6 for the reception of the fluid, said reservoir also constituting a handle. A removable cap 7 is provided for filling the reservoir 6. A passage 8 through the head 5 establishes communication between the reservoir 6 and the chamber 2. This passage 8 is controlled by a vertically slidable spring closed valve 9 which is mounted in the head 5.

The outer end of the reservoir 6 is closed by a socketed electric plug 10 of suitable insulating material. Mounted on the plug 10 and extending therefrom longitudinally into the reservoir 6 is an electric heating element 11. A housing 12 encloses the element 7 in the reservoir 6.

It is thought that the manner in which the device functions will be readily apparent from a consideration of the foregoing. By depressing the control 9 to open position fluid from the reservoir 6 flows into the chamber 2 through the passage 8. Of course, the volume of fluid thus discharged into the chamber 2 may be controlled as desired through the medium of the valve 9. This fluid is discharged from the chamber 2 through the ports 4 around the bristles 3 of the brush. Should it be desired to heat the fluid in the reservoir 6 it is only necessary to energize the electric element 11. While the device is primarily for use as a hairbrush, it may be used for any other purposes for which it may be found adapted and desirable.

It is believed that the many advantages of a fountain brush constructed in accordance with the present invention will be readily understood and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A brush of the character described comprising a back having a chamber therein, bristles mounted on said back, said back further having ports therein communicating with the chamber, a reservoir, for the reception of a fluid, mounted on the back, said reservoir communicating with the chamber, a manually opened valve controlling the communication between the reservoir and the chamber, an electric plug closing one end of the reservoir, an electric heating element mounted on said plug and extending into the reservoir for heating the fluid therein, and a housing enclosing said element in the reservoir.

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