J. P. & G. J. CUMMINGS.

BRUSH.

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1,127,195

Patented Feb. 2, 1915.

Fig. 1.

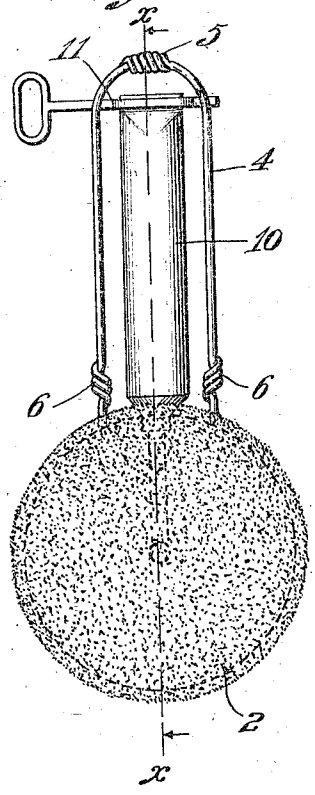
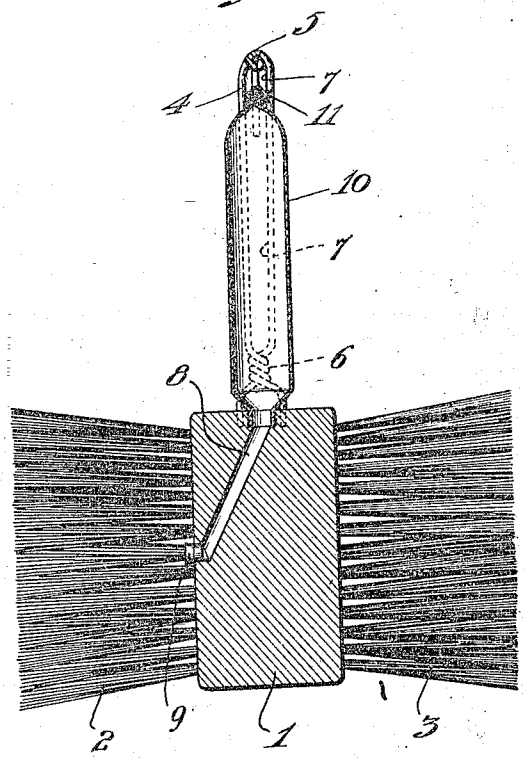


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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BRUSH.

Specification of Letters Patent. Patented Feb. 2, 1915.

1,127,195.

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To all whom it may concern:

Be it known that we, JOHN P. CUMMINGS and GERTRUDE J. CUMMINGS, citizens of the United States, and residents of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Brushes, of which the following is a specification.

Our invention relates to improvements in brushes and has for its object the production of a brush especially designed for use in the application of a cleansing fluid or paste.

A further object is the production of a brush as mentioned which will be of durable and economical construction and efficient in use.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification, and in which,

Figure 1 is a front elevation of a brush embodying our invention, and Fig. 2 is a section taken on line *x*—*x* of Fig. 1.

The preferred form of construction as illustrated in the drawing comprises a circular or cylindrical body 1 provided at opposite sides with outwardly projecting bristles 2 and 3, said bristles being secured in the member 1 in any suitable manner. Secured rigidly to the body 1 and projecting laterally therefrom is a handle 4 formed of two strands of wire wrapped together at points 5 and 6 so as to form a handle of substantially inverted U-shape with elongated slots provided in the opposite sides thereof. The ends of said handle are forked or bifurcated as shown for insertion into the brush body 1.

Formed in the brush body 1 is a passage 8 one end of which communicates centrally with the side of body 1 bearing the bristles 2, the opposite end of said passage opening outwardly in the periphery of said body medially of the sides of handle 4. A removable stopper 9 is provided at the end of passage 8 which communicates with bristles 2 so that when desired said passage may be stopped so as to prevent discharge therethrough. Coöperating with the brush thus formed is a collapsible container 10 which, when the device is in use, is adapted to contain the cleaning material which may be either in the form of a fluid or paste. The mouth of container 10 is threaded or otherwise suitably connected with the outer end of passage 8, the outer end of said body being positioned centrally between the sides of handle 4, as clearly shown. Provided at the outer end of said container is the key 11 through the medium of which said container is collapsed in order to effect discharge therefrom in the usual manner, said collapse being effected as is known through rotation of said key. The opposite ends of said key engage the elongated slots 7 in the sides of handle 4 so that the latter serves as a support or brace for the outer end of the container in order to hold the same in proper operative position in the handle. The container is so arranged, as will be observed, that, in using the device, when the former is exhausted, the same may be readily removed and a new or fresh one inserted in its place.

In using the device, the stopper 9 is first removed and the key 11 rotated in order to press a part of the contents of the container into the passage 8 and thence into the bristles 2. After the cleansing fluid or paste has been supplied to the bristles 2, it is transferred from the latter to the surface which it is desired to clean by rubbing the bristles thereover, as will be readily understood. The bristles 3 are utilized in brushing the cleansing fluid or paste from the surface cleaned, after said fluid or paste has dried.

When the device is no longer in use, the stopper 9 is reinserted in order to prevent discharge from the passage 8.

While we have illustrated and described the preferred form of construction for carrying our invention into effect, we do not wish to be limited thereto as there might be various changes made in the details of construction and the arrangements of parts described without departing from the spirit of the invention. For instance, a different form of container 10 or supply for the passage 8 may be employed and the discharge end of said container may be tapered and frictionally engaged with the passage 8 instead of being in threaded connection therewith as described. We, therefore, do not wish to be limited to the exact details of construction set forth, but desire to avail

ourselves of such variations and modifications as come within the scope of the appended claims.

Having described our invention what we claim as new and desire to secure by Letters Patent is:

1. A brush comprising a head, and a handle made up of two inverted substantially U-shaped wires twisted together at their bight portions and at points near the ends of their leg portions, the ends of said wires being secured to said head, substantially as described.

2. A brush comprising a head, and a handle made up of two inverted substantially U-shaped wires twisted together at their bight portions and at points near the ends of their leg portions, the ends of said wires being secured to said head; a material containing receptacle between the wires of said handle; and a support secured to said receptacle and slidably mounted between said wires, substantially as described.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

JOHN P. CUMMINGS.
GERTRUDE J. CUMMINGS.

Witnesses:
MARCEL CONGIER,
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