No. 671,927. Patented Apr. 9, 1901.

J. B. DAVIDS.

PASTE JAR.

(No Model.) (Application filed Feb. 9, 1901.)

Fig. 1.

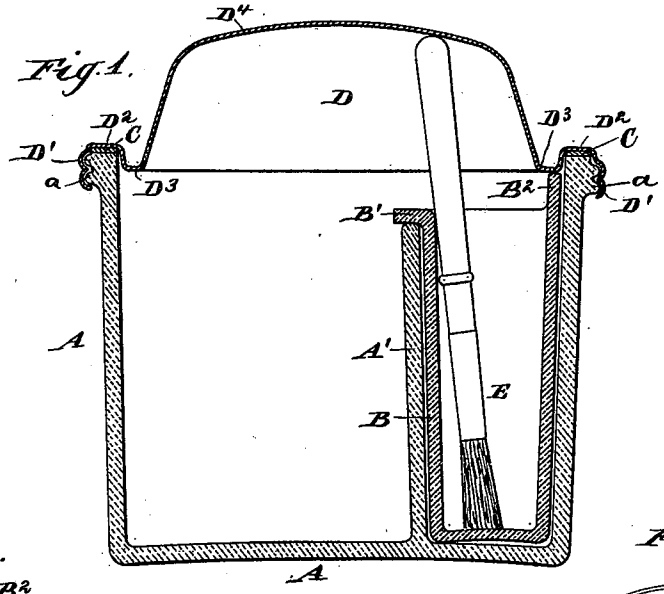


Fig. 3.

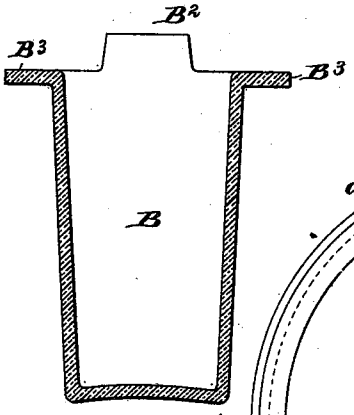


Fig. 2.

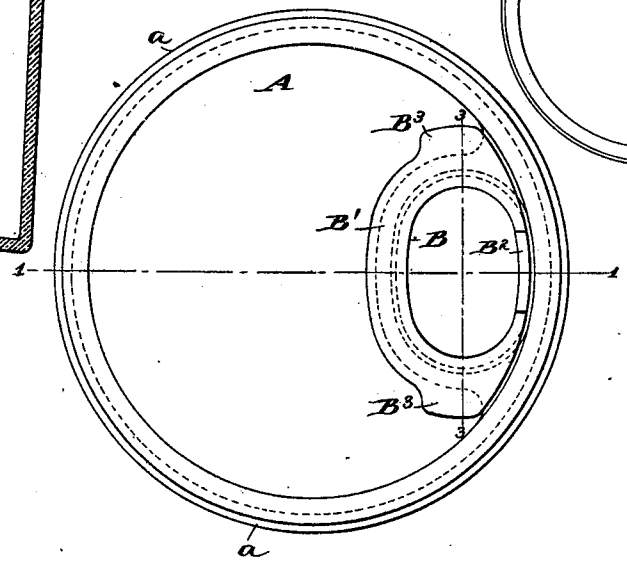
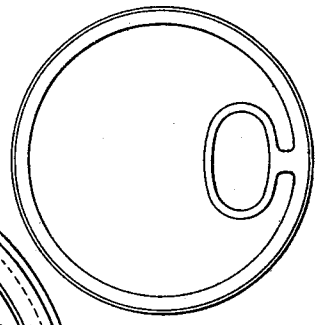


Fig. 4.



Witnesses:
J. H. R. Merckle
F. B. Blanticer

Inventor:
John B. Davids

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN B. DAVIDS, OF NEW YORK, N. Y., ASSIGNOR TO THADDEUS DAVIDS COMPANY, OF SAME PLACE.

PASTE-JAR.

SPECIFICATION forming part of Letters Patent No. 671,927, dated April 9, 1901.

Application filed February 9, 1901. Serial No. 46,594. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. DAVIDS, a citizen of the United States, residing in the borough of Manhattan, in the city and State of New York, have invented a certain new and useful Improvement in Paste-Jars, of which the following is a specification.

My improved paste-jar is of the class in which a removable vessel is provided to hold water and keep the brush moist. I provide for conveniently holding such vessel firmly and readily removing it for frequent emptying and cleaning, defending against the entrance of paste into the joint, so that the cup is always free, and making a flange of the cup—the same which excludes the paste from the joint—serve also to aid in removing surplus paste from the brush. A cover is provided adapted to make a tight joint with the jar and also to hold the vessel and the brush in place.

My jar holds a liberal quantity of paste favorably presented for easy using, accommodates the brush when in use, presents all the parts conveniently, and when out of use stores the whole tightly and efficiently.

The accompanying drawings form a part of this specification and represent what I consider the best means of carrying out the invention.

Figure 1 is a central vertical section on the line 1 1 in Fig. 2, and Fig. 2 is a plan view with the cover removed. Fig. 3 is a vertical section of the removable vessel alone on the line 3 3 in Fig. 2. Fig. 4 is a plan view showing a modified form of the jar.

Similar letters of reference indicate corresponding parts in all the figures where they appear.

A is the body of the jar, and A′ a curved internal partition formed integral therewith, which latter divides the interior of the jar into two spaces, the larger and crescent-shaped being intended for the paste and the smaller compartment serving to receive a removable vessel or cup B. The compartment and the cup are so far out of round that the cup cannot be revolved by any turning motion of the brush; but it can be readily lifted when required. B′ is a flange which extends horizontally from the ends and one side of the rim of the cup and is further extended at the ends to form lugs B^3 B^3, adapted to serve in removing surplus paste from the brush. The other side of the rim of the cup presents an ear B^2, extending upward.

The exterior of the top of the jar is screw-threaded, as indicated by *a*. The cover D is formed with a hanging lip D′, having internal screw-threads adapted to engage the threads *a*. A flat annular portion D^2 provides on its under side an annular recess immediately over the edge of the rim of the cup, which receives a correspondingly-shaped packing C, of pasteboard or analogous yielding material, adapted to form a reasonably-tight joint to prevent the drying of the contents of the jar. Within this annular recess the cover is depressed, presenting a fair annular surface D^3, adapted to act on the ear B^2 of the removable cup when the cover is screwed down, and is thence carried upward and inward, forming a capacious dome-like main body D^4.

The brush E may be of any suitable construction. I prefer the ordinary flat-formed bristle-brush with any convenient form of handle. The dome top D^4 is made of sufficient height to inclose the upper end of the brush-handle.

It will be seen that my invention provides for a firmly-held vessel for water or thin paste, which I have termed a "cup," in which the fibers of the brush may be kept thoroughly moistened and efficiently held against being turned around, with unusual facilities for exchanging the water and promoting cleanliness. The closed jar, with its main compartment properly filled with the paste allowed to harden to the ordinary condition for storage and shipment, may be handled and tilted in all positions, and to condition it for use it is only required that the cover be unscrewed and removed and the portable cup be partially filled with water. At any period thereafter the cup may be easily removed and cleaned without disturbing the paste.

The top of the upright lip B^2 performs the functions of receiving the pressure of the cover, holding the cup stiffly in position, and of serving as a handle by which the cup may be conveniently removed. The hori-

zontal flange B′ on the other side of the rim of the cup serves to prevent the paste from dropping into the joint between the cup and the fixed partition and hardening there, so as to obstruct the removal, also with the lugs B^3 B^3 as efficient scrapers, by the aid of which surplus paste may be conveniently removed from the brush, and also as a convenient means for receiving the action of the fingers or of any implement in commencing the lifting motion in removing the cup from the jar for emptying and cleaning.

If the paste is allowed to come in contact with the removable vessel, the latter cannot be removed without disturbing it and cannot be successfully replaced.

Modifications may be made without departing from the principle or sacrificing the advantages of the invention. The form of the cup in horizontal section and the corresponding form of the somewhat-larger compartment which receives it may be varied within wide limits; but I esteem it important that the form shall be so far angular or elliptical as to forbid the rotation of the cup. It may sometimes be necessary to turn the brush actively and strongly in case the water has by successive immersions of a soiled brush become thickened into paste and partially dried, and the cup should be efficiently held against rotation.

Fig. 4 shows a form of jar in which the cup-receptacle is attached to the adjacent side of the jar by a connecting-web.

Parts of the invention may be used without others. I can narrow the flange B′ and depend upon the lugs B^3 B^3 alone to serve as scrapers.

I claim as my invention—

1. A paste-jar having two compartments each occupying the space between a separating-partition and a side of the jar, and having a screw-threaded rim *a*, in combination with a cover having a correspondingly-screw-threaded lip D′ *d*, an annular fair surface D^3 sunk as shown to form a recess for annular packing and also press firmly on a removable cup, and a capacious dome D^4 adapted to serve with a removable cup and a brush, substantially as herein specified.

2. A paste-jar having two compartments each occupying the space between a separating-partition and a side of the jar and having a screw-threaded rim *a*, in combination with a cover having a correspondingly-screw-threaded lip D′ *d*, an annular fair surface D^3 and a capacious central top D^4, and with a removable cup B having a flange B′ arranged to extend over the said partition and to serve therewith and with a brush substantially as herein specified.

3. A paste-jar having two compartments each occupying the space between a separating-partition and a side of the jar, and having a screw-threaded rim *a*, in combination with a cover having a correspondingly-screw-threaded lip D′ *d*, an annular fair surface D^3 and a capacious central top D^4, and with a removable cup B having a flange B′ arranged to extend over the said partition, and an upward extension or ear B^2 adapted to serve the double function of a handle for the cup when it is to be raised and a means for holding the cup firmly when the jar is closed, all substantially as herein specified.

4. A paste-jar having two compartments each occupying the space between a separating-partition and a side of the jar, and having a screw-threaded rim *a*, in combination with a cover having a corresponding screw-threaded lip D′, an annular fair surface D^3 and a capacious central top D^4, and with a removable cup B having a flange B′ arranged to extend over the said partition, and with a brush E, and lugs B^3 B^3 on said flange serving as scrapers in removing surplus paste from said brush, all substantially as and for the purposes herein specified.

In testimony that I claim the invention above set forth I affix my signature in presence of two witnesses.

JOHN B. DAVIDS.

Witnesses:
J. B. CLAUTICE,
M. F. BOYLE.