

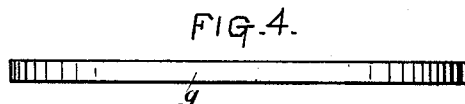
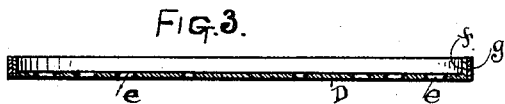
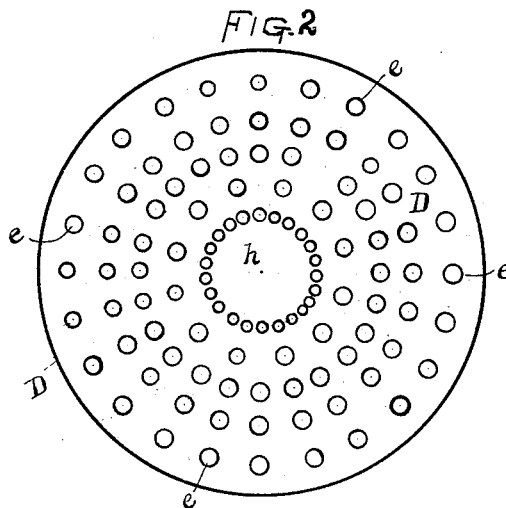
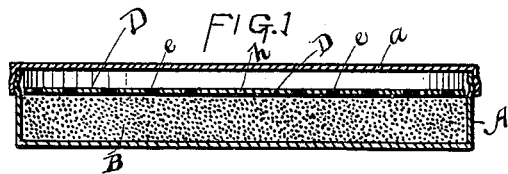
(No Model.)

C. C. JOHNSTON.

BLACKING BOX.

No. 344,447.

Patented June 29, 1886.



WITNESSES:  
H. L. Shepherd.  
J. A. Hedges

INVENTOR:  
Charles C. Johnston  
By his Attorney  
H. L. Shepherd.

# UNITED STATES PATENT OFFICE.

CHARLES C. JOHNSTON, OF COLUMBUS, OHIO.

## BLACKING-BOX.

SPECIFICATION forming part of Letters Patent No. 344,447, dated June 29, 1886.

Application filed November 23, 1885. Serial No. 183 778. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES C. JOHNSTON, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a new and useful Improvement in Blacking-Boxes, of which the following is a specification.

My invention relates to improvements in blacking-boxes—such as are in common use; and the objects of my improvements are, first, to equalize the distribution of the blacking on the brush; second, to so construct a blacking-box as to prevent the entire surface of the blacking from coming in contact with the air when in use, which, as is well known, renders the blacking hard and dry; third, to provide an intermediate cover for a blacking-box so constructed as to prevent the blacking from oozing up around its edges and forming a cake or crust around the inner side of the box. I attain these objects in the manner illustrated in the accompanying drawings, in which—

Figure 1 is a sectional view of a blacking-box having my improvement therein. Fig. 2 is a plan view of the intermediate cover or disk. Fig. 3 is a central section of the same, showing an upwardly-projecting rim and flexible band thereon; and Fig. 4 is a side view of the same.

Similar letters refer to similar parts throughout the several views.

A represents a blacking-box of the usual form, and *a* represents the lid.

Over the blacking B is placed a disk, D, of any suitable material, and of such size as to fit within the box. This disk D is provided with a number of small perforations, *e*, which radiate toward the outer edge from a solid center, *h*.

It will readily be seen that the pressure of the brush against the upper surface of the disk D will cause the latter to rock upon the undisturbed center of the blacking, a hilly protuberance being formed over the center of the blacking soon after a full box has been in use, and this tilting of the disk against the blacking causes it to ooze up in small quantities

through the perforations *e*, around the center *h*, thus causing the blacking to be distributed more evenly on the brush, and preventing the tendency to undue consumption at the center, and the pressure of the blacking away from said center against the inner sides of the box.

As shown in Figs. 3 and 4, the disk D may be formed with an upwardly-projecting rim, *f*, around which is secured a flexible band, *g*, which tends to keep the disk in close connection with the inner surface of the sides of the box, and thus prevent the escape of the blacking upward around the outer edge of the disk.

I am aware that an intermediate cover or disk has been used having a central opening or hole for the escape of blacking, but my invention differs from this in having a solid center.

My invention also differs from others in having an upwardly-projecting rim, as shown, and a flexible band therefor.

I am also aware that the sides of blacking-boxes have been spirally corrugated or screw-threaded, and provided with a cap similarly screw-threaded and provided with fine perforations uniformly distributed in the bottom thereof, and do not claim this construction.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with a blacking-box, of the intermediate cover or disk, D, having a solid center and a number of perforations radiating outward from said center, substantially as and for the purpose described.

2. The combination, with a blacking-box, of the intermediate cover or disk, D, having a solid center and a number of perforations radiating outward from said center, and an upwardly-projecting rim having a flexible band thereon, substantially as and for the purpose specified.

CHARLES C. JOHNSTON.

Witnesses:

L. R. JOHNSTON,  
G. D. MARTIN.