(No Model.)

A. N. MATTHEWS.

EMERY HOLDER.

No. 260,108. Patented June 27, 1882.

Fig. 1.

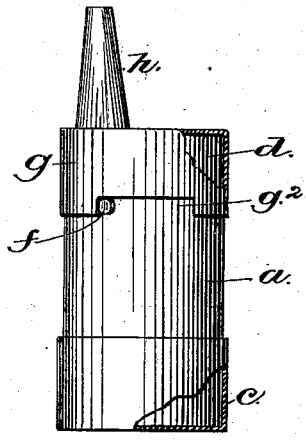


Fig. 2.

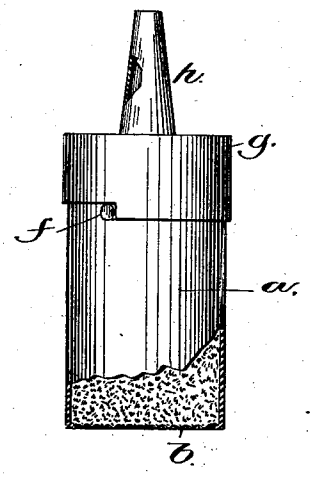
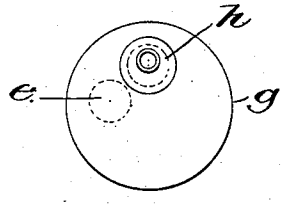


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

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EMERY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 260,108, dated June 27, 1882.

Application filed May 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, ABRAM N. MATTHEWS, of Norwood, county of Norfolk, State of Massachusetts, have invented an Improvement in Emery-Holders, of which the following description, in connection with the accompanying drawings, is a specification.

My invention has for its object the production of an emery-holder for use by machinists; and it consists in a shell or body, one end of which is provided with a sieve, while its other end, having a suitable outlet, is covered by means of a movable cap having a delivery-outlet, the end of the body containing the sieve being covered by a removable cover, all as will be hereinafter described.

When polishing surfaces the workman commonly applies the emery to the surface to be polished or abraded by means of his fingers, but in some shops a box has been used having a stopped passage through which, when unstopped, the emery is discharged, but the opening in the box is always of uniform area and much emery is wasted. With an emery-box such as herein shown the quantity of emery to be discharged may be regulated at will, and the emery may be discharged in a line or be scattered, as through a sieve, as may be desired.

Figure 1 is a side elevation of an emery-box embodying my invention, the cover for the sieve-like end of the box and other cap being broken out. Fig. 2 is a side elevation of the emery-box with the cover for the sieve end removed, the end of the box being broken out to show the sieve therein; and Fig. 3 is a top view of Fig. 1, the dotted lines showing the delivery-passage made in the top of the body of the holder underneath the cap.

The shell or body *a* of the emery-holder is shown as a short cylinder of metal. This body has at its lower end a sieve, *b*, (shown best in Fig. 2,) through which, if desired, emery contained in the body *a* may be sprinkled upon the metal or other surface to be polished or abraded. When it is not desired to sift the emery upon a surface the sieve-provided end of the body will be inclosed by the cover *c*. (See Fig. 1.)

The upper end of the body *a* is provided with a head, *d*, having a discharge opening or outlet, *e*. (Shown in dotted lines, Fig. 3.) The body *a* of the holder has a stop-pin, *f*. The end of the body, having head *d*, is surrounded by means of a cap, *g*, notched at g^2, and having a spout, *h*, surrounding a passage or outlet made in the head of the cap *g*. While the cap *g* is turned on the body *a* so that the hole made in it under the spout and the hole-outlet *e* in the head of the body *a* correspond the emery may be delivered through the said spout; but by turning the cap so as to entirely close or partially close the opening *e* the delivery of emery from the body *a* may be entirely stopped, or be regulated in quantity. The cover *c* and cap *g* being both applied to the body *a*, and the cap turned so that its head covers and closes the outlet *e* in the head *d* of the body *a*, emery will not be discharged from the body, but by turning the cap or removing the cover emery may be discharged in a line more or less heavy, or be sifted upon the surface to be polished.

I do not broadly claim a box for holding emery or other powdered substance; nor do I broadly claim a body having a sieve-like end, nor a body having a discharging-spout.

The notched part of the cap, when turned against the pin *f* in Fig. 1, stops the cap in position to have the openings in its head and in the head of the body *a* in line, but when located as in Fig. 2 the said openings do not coincide.

What I claim is—

As an improved article of manufacture, the herein-described emery-holder, composed of the body *a*, having at one end a sieve and at its other end a head provided with an outlet, and of a cover to close the end of the body containing the sieve, and with a movable cap having a spout or discharge-passage applied to that end of the body, the head of which is provided with the outlet *e*, all as shown and described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ABRAM N. MATTHEWS.

Witnesses:

G. W. GREGORY,

FRED A. POWELL.