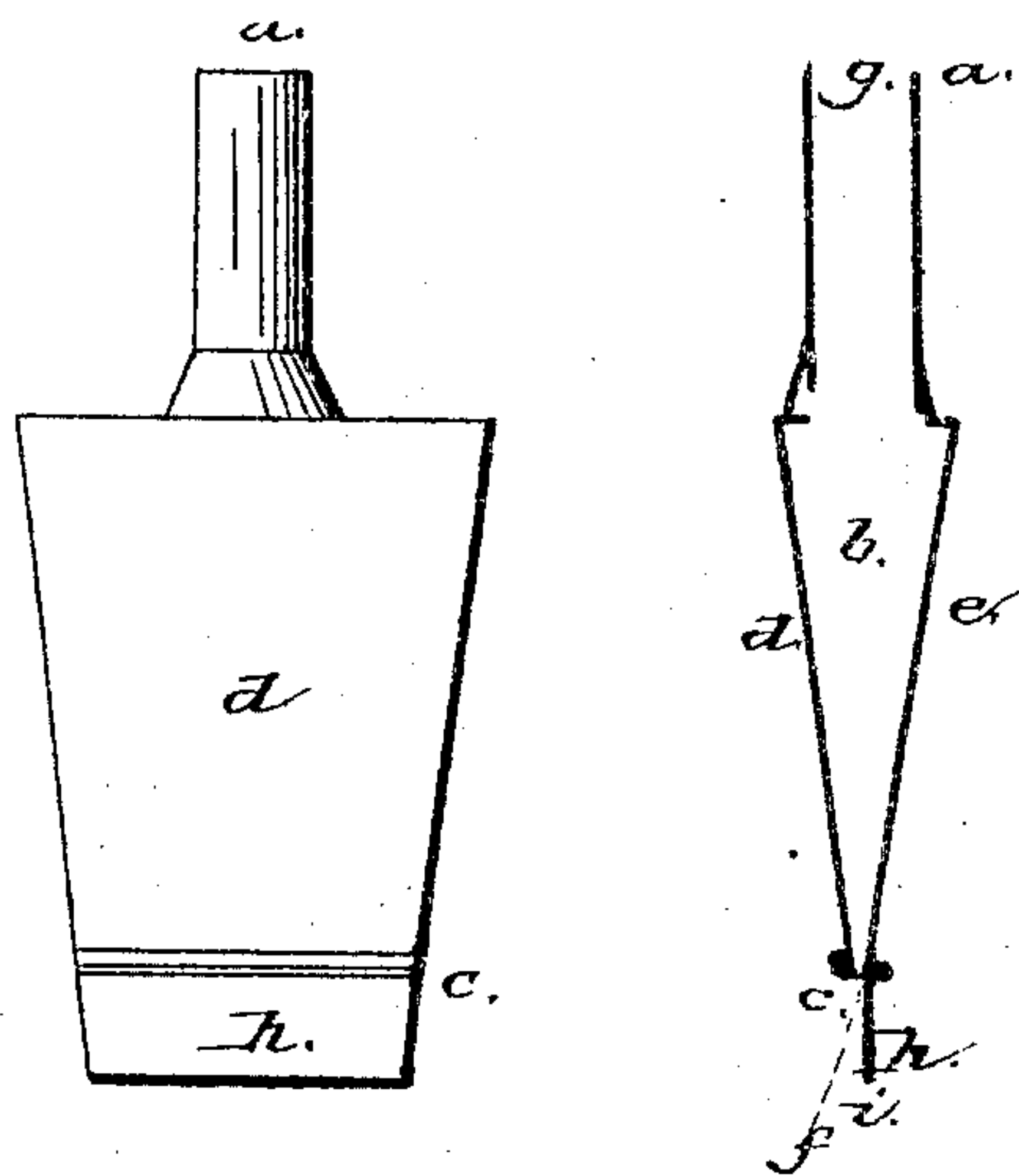


W. H. COX.
SAND THROWING MACHINE.

No. 78,432.

Patented June 2, 1868.



Witnesses:
Henry C. Houston
J. H. Blanchard

Inventor:
Wm. Henry Cox.
by atty W. H. Clifford

United States Patent Office.

WILLIAM HENRY COX, OF PORTLAND, MAINE.

Letters Patent No. 78,432, dated June 2, 1868.

IMPROVED SAND-THROWING MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM HENRY COX, of Portland, in the county of Cumberland, and State of Maine, have invented a new and useful Improved Sand-Throwing Machine; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top plan of my invention.

Figure 2 a centre section of the same.

My invention has relation to a device or machine employed by painters of houses, buildings, &c., for the throwing and depositing of sand upon the fresh paint, as it is well known is the custom in various styles of this kind of work.

I prefer to construct my invention of tin or some light and thin sheet metal, the different parts being soldered together.

In the accompanying drawings, *a* shows the handle. This is made hollow for the introduction of the sand into the machine. From this handle the sand passes into the body *b* of the device. The body is V-shaped, as seen in the drawing, tapering down to the thin end or edge *c*. Here the two parts *d e* come near together, but are not joined, a narrow slot being left for the escape of the sand as the device is used. *f* is the slot.

When filled, the open end of the handle is closed by any convenient stopper at *g*. *h* shows a lip extending somewhat beyond the slot in order to aid in the accurate and economical throwing of the sand. This lip may be stiffened by a wire running around the lower edges of the same, and soldered thereto, seen in the drawing at *i*. The two parts *d e* of the body may also be defended and strengthened in the same way, (see 1 2.)

The sand issues in a thin sheet from the slot *f*. By grasping the handle *a*, and giving the device the necessary motion by the hand, the sand can be accurately thrown upon paint on the walls of buildings and other structures.

This presents some advantages over a machine now in use, and operated by rotating fans, inasmuch as it requires but a single hand to operate it.

With the wind sand-thrower, both hands of the operator are engaged upon the machine, so that if standing upon a ladder, for instance, it is often difficult both to maintain a secure and safe position, and also to reach all the desired points and places on a building, but with my invention the operator, clinging to the ladder with one hand, and thus more securely standing thereon, is more at liberty to turn to either side, or as may be desired, to reach and sand all parts of the work.

My invention is exceedingly cheap and convenient.

What I claim as my invention, and desire to secure by Letters Patent, is—

The sand-throwing machine or device, constructed as herein set forth, and for the purposes specified.

WILLM HENRY COX.

Witnesses:

WM. HENRY CLIFFORD,

HENRY C. HOUSTON.