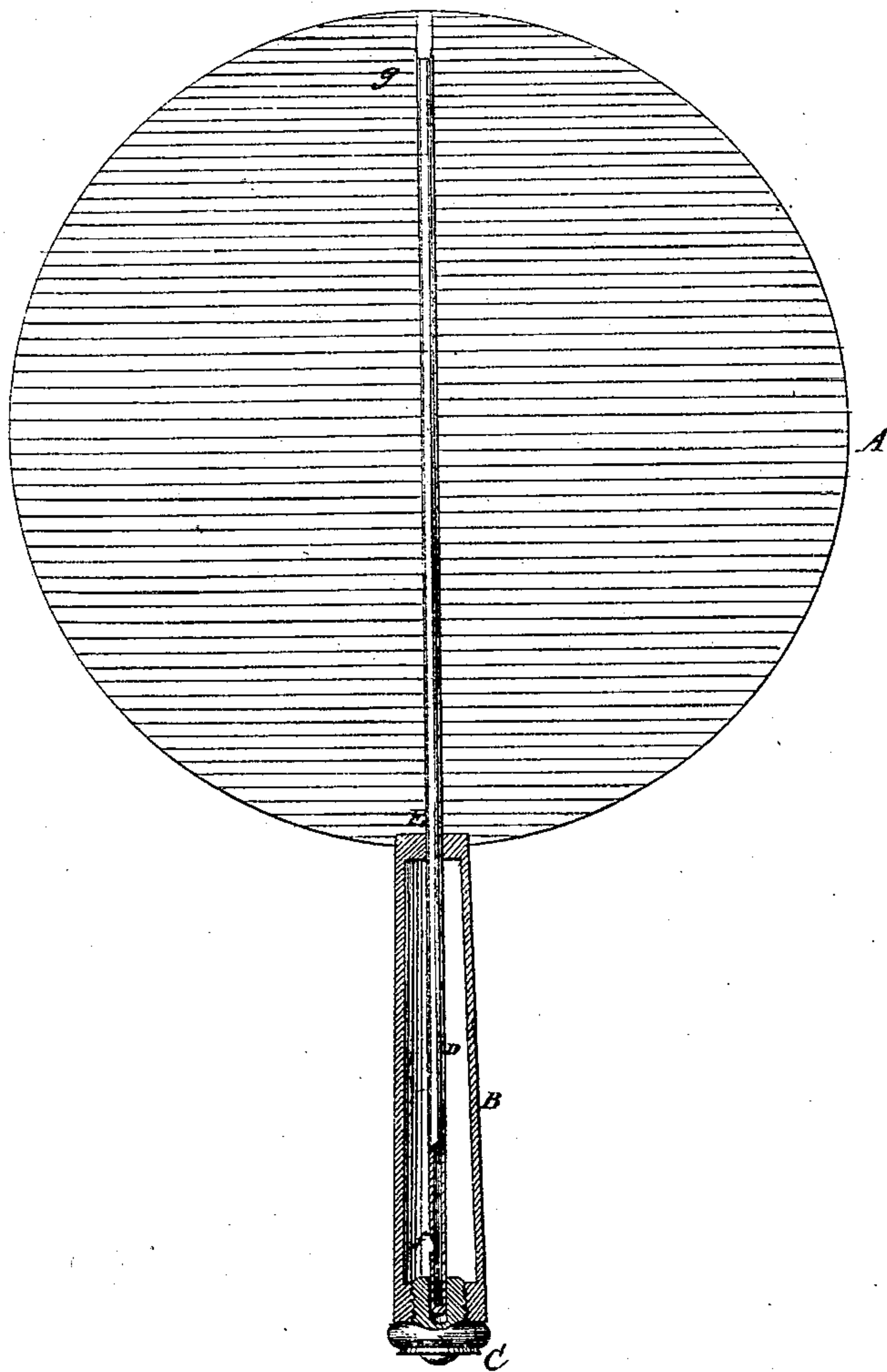


A. K. RICH & J. B. THURSTON.

Fan.

No. 131,026.

Patented Sep. 3, 1872.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALBERT K. RICH AND JAMES B. THURSTON, OF NEW YORK, N. Y.

IMPROVEMENT IN FANS.

Specification forming part of Letters Patent No. **131,026**, dated September 3, 1872; antedated August 29, 1872.

Specification describing a new and Improved Fan, invented by ALBERT K. RICH and JAMES B. THURSTON, of New York city, in the county and State of New York.

This invention relates to a new and improved device for discharging or distributing perfume, designed more especially to be applied to ladies' fans, but applicable to other purposes; and it consists in the combination of parts hereinafter fully described and then clearly pointed out in the claim.

The accompanying drawing illustrates our invention.

A represents a fan, of which B is the handle. This handle is made hollow, of rubber or other elastic material. C is a removable screw-plug or knob, which closes the outer end. The other end of the handle or receptacle E is tightly closed, through which end passes the discharge-tube D. This tube extends from one end to the other of the handle and enters a hole in the knob C, so that when a long discharge-tube is used, as seen in the drawing, the tube is kept steady and in place. Through the discharge-tube within the handle is an orifice, *f*. The inner end of the discharge-tube is closed by the knob or otherwise. The outer end *g* is always open.

The design is that air shall be admitted to the receptacle or handle B in no way except through the discharge-tube. A few drops of any desired perfume are dropped into the receptacle B by removing the knob C, which will strongly perfume the air contained in the handle. It will be seen that by compressing the elastic receptacle or handle B the air so perfumed will be discharged through the tube at *g*, thereby perfuming the edge of the fan. When the pressure is removed the air

will rush back through the tube into the receptacle.

Instead of a single discharge-tube there may be two or more, or branches from a single tube. The discharge-tube may be of any length, shape, or form to adapt the discharger to any desired purpose, as, for instance, to parasols, walking-canes, or other articles. Instead of the orifice *f* in the discharge-tube, the end of the tube within the handle may be left open, with sufficient play around the tube in the hole in the knob to allow the perfumed air to be discharged when the handle is compressed. The elastic receptacle B, instead of being the handle, may form any other part of an article, or be a perfume-discharger or distributor to be used by itself. The discharge tube or orifice will, in all cases, be very small, so that the perfumed air will not escape too freely.

This perfume-discharger may be very cheaply made and applied, as no valves are used or required in its construction.

We do not confine ourselves to the precise form or arrangement of any of the parts described, as they may be varied in many ways without departing from our invention.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

In combination with the tube D the removable knob or plug C, as and for the purposes described.

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Witnesses:

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