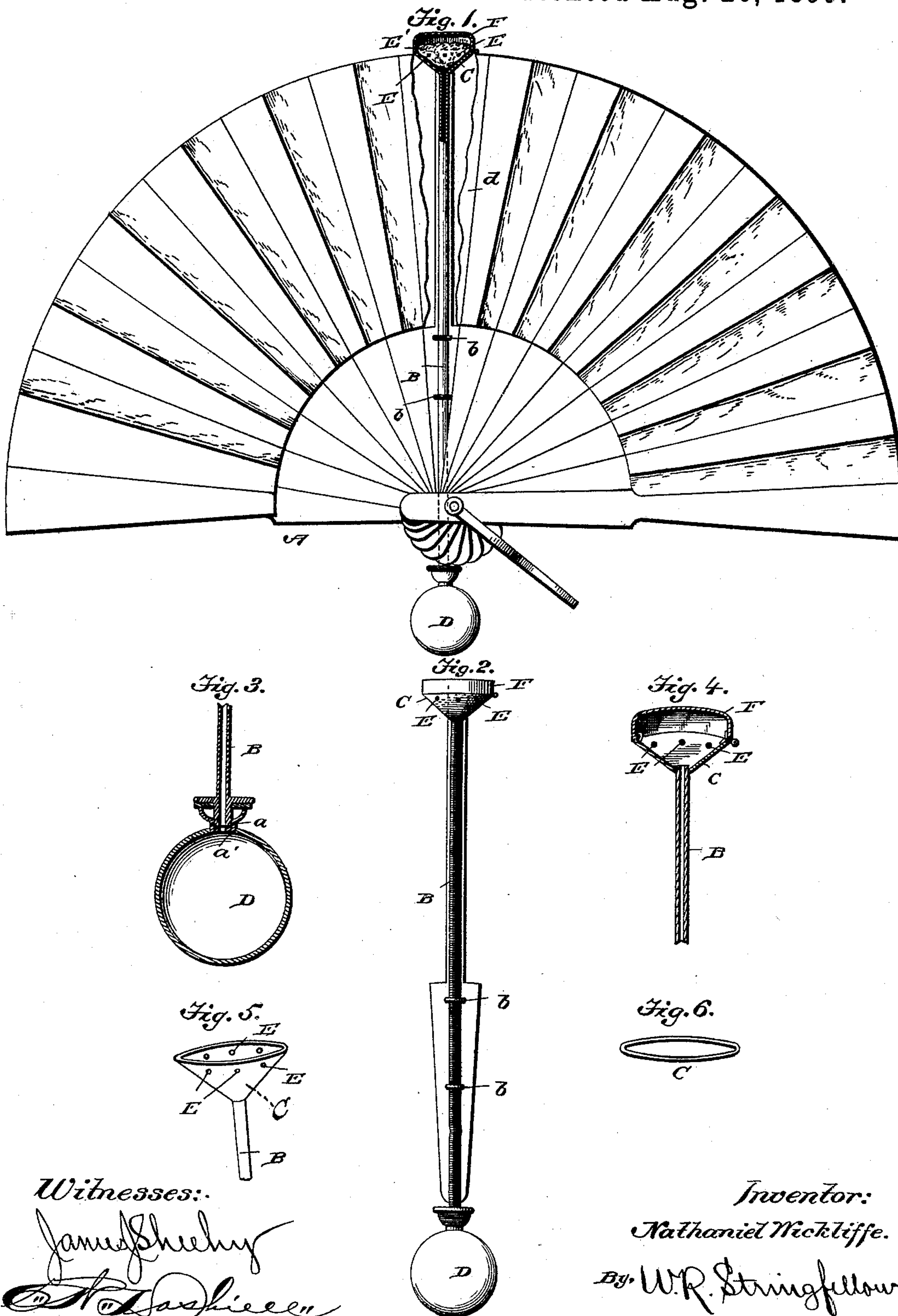


(No Model.)

N. WICKLIFFE.  
ATOMIZER FOR TOILET FANS.

No. 435,197.

Patented Aug. 26, 1890.



Witnesses:  
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*W. D. Dashiell*

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# UNITED STATES PATENT OFFICE.

NATHANIEL WICKLIFFE, OF NEW ORLEANS, LOUISIANA.

## ATOMIZER FOR TOILET-FANS.

SPECIFICATION forming part of Letters Patent No. 435,197, dated August 26, 1890.

Application filed January 28, 1890. Serial No. 338,392. (No model.) Patented in Belgium November 15, 1889, No. 88,277, and in Luxemburg November 23, 1889, No. 1,112.

*To all whom it may concern:*

Be it known that I, NATHANIEL WICKLIFFE, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in an Atomizer for a Toilet-Fan, (patented in Luxemburg November 23, 1889, No. 1,112, and in Belgium November 15, 1889, No. 88,277;) and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to an improvement in fan attachments; and it has for its object to provide at a minimum expense a cologne-atomizer which may be applied to fans such as at present in use.

The invention will be fully understood from the following description and drawings, in which—

Figure 1 is a view of a folding fan with the cloth covering the blades broken away to show my improvements applied. Fig. 2 is an elevation of my improved device removed from the fan and attached to one of the blades thereof. Fig. 3 is a sectional view of the bulb with a portion of the tube attached. Fig. 4 is a sectional view of a portion of the tube and also the sponge-holder. Fig. 5 is a perspective view of the sponge-holder with the cover removed, and Fig. 6 is a plan view of Fig. 5.

Referring by letter to the said drawings, A indicates a fan, which I have illustrated as a folding fan, and which may be of any ordinary or approved construction.

B indicates a tube. This tube is threaded at its lower end, as shown at *a*, for the attachment of a bulb or cologne-receptacle, as will presently be explained, and its opposite end is secured to a sponge-holder C. This tube B is designed to extend the entire length of the fan-blades, and is secured to the handle portion by stitches *b*, rivets, or other suitable fastening devices. This tube, which extends the entire length of the blades of the fan and secured to the central portion thereof, is concealed by the cloth or fabric *d*, which covers the blades, and the tube is sufficiently small

in diameter to allow the blades and their covering-cloth to snugly fold upon it when the fan has been closed. Thus it will be seen that when the fan has been closed the only thing visible of my attachment is the bulb containing the perfume and the cap for covering the sponge-holder, which latter is designed to receive the name or monogram of the owner.

D indicates the bulb or perfume-holder. This holder D has a threaded filling-aperture *a'*, whereby it may take into the threads on the lower end of the tube B when in use and may be readily removed for filling.

The sponge-holder C is of an approximately elongated or flattened form, so that it may allow the blades to fold upon each other. This sponge-holder C is provided with a suitable number of apertures E, which are designed to receive a cord, thread, or the like, whereby the sponge E' may be secured within the holder.

F indicates the cover of the sponge-holder. This cover is hinged to the holder C, as shown, and is preferably provided with a spring-joint, whereby the cover when thrown open may be held in such position when in use. By having this cover it will be seen that a waste of the perfume will be prevented by simply closing said cover.

In operation the bulb or receptacle D is removed from the tube, and after being filled with cologne or other perfume desired to be used it is screwed onto the lower end of the tube, and in such position, being free from contact with the hand, the fan may be used without spraying the perfume or letting it out in any manner as long as the cap F of the sponge-holder is closed. When it is desired to spray the cologne, the user simply grasps the bulb or receptacle and presses it a few times in rapid succession. The cologne will thereby be forced out through the sponge-holder, saturating the sponge or absorbent therein. The cap F is then thrown open, when by the ordinary movements of the arm when fanning the perfume will be expelled.

I am aware that it is not broadly new to provide a fan with a perfume-atomizer; but I attach importance to the particular manner

of arranging my device within a fan and to the fact that the cologne-holder does not form a part of the handle.

Having described my invention, what I  
5 claim is—

1. The combination, with a fan, of the tube B, secured to one of the blades thereof and within the covering-cloth, the bulb D, removably secured to the lower end of the tube at  
10 the outer end of the handle, the sponge or absorbent holder secured to the opposite end of the tube and having the cap F hinged thereto, and the sponge or absorbent secured within the holder C, substantially as specified.

2. The sponge or absorbent holder C, flattened, as shown, to fit between the blades of a fan, in combination with a bulb, a tube securing the bulb to the holder, and a sponge or absorbent secured in the elongated or flattened holder, the whole adapted to be secured  
15 to a fan, substantially as specified. 20

In testimony whereof I affix my signature in presence of two witnesses.

NATHANIEL WICKLIFFE.

Witnesses:

PERCY D. PARKS,  
WILLIAM EVANS.