

No. 704,779.

Patented July 15, 1902.

P. C. CRAWFORD.
MOISTENING MACHINE.

(Application filed Apr. 5, 1902.)

(No Model.)

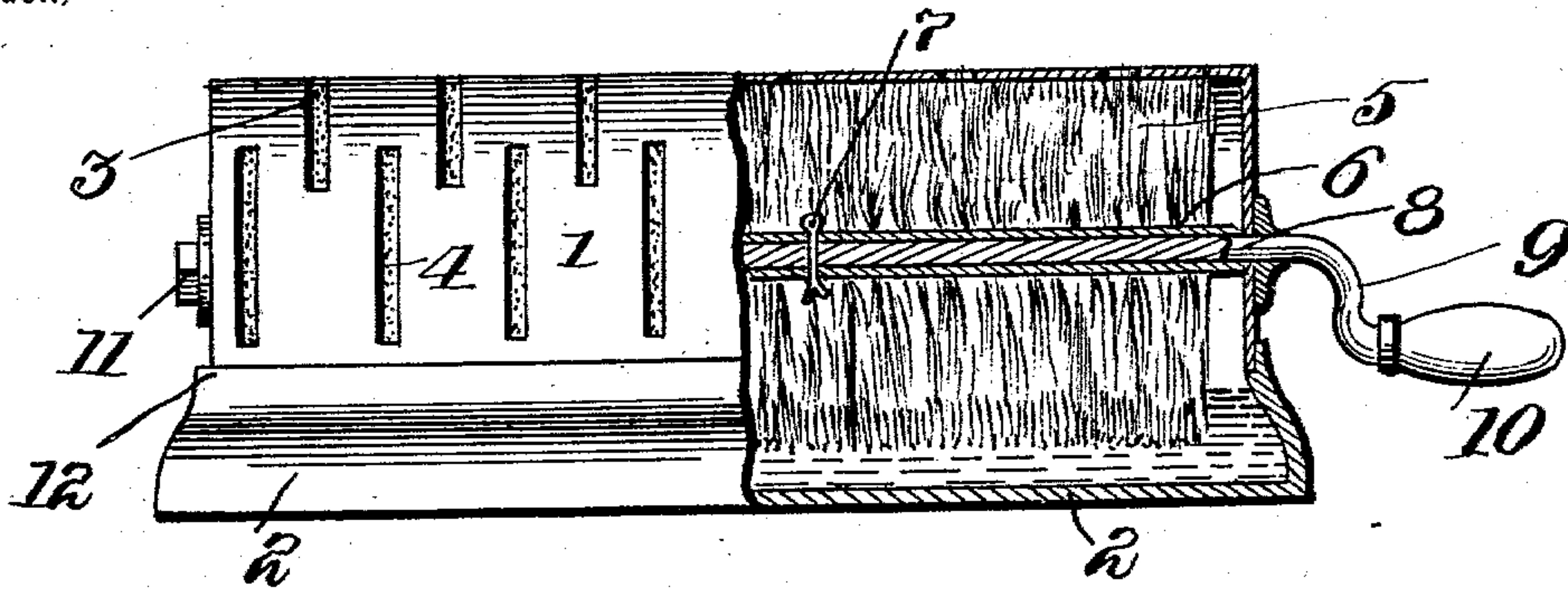


Fig. 1 -

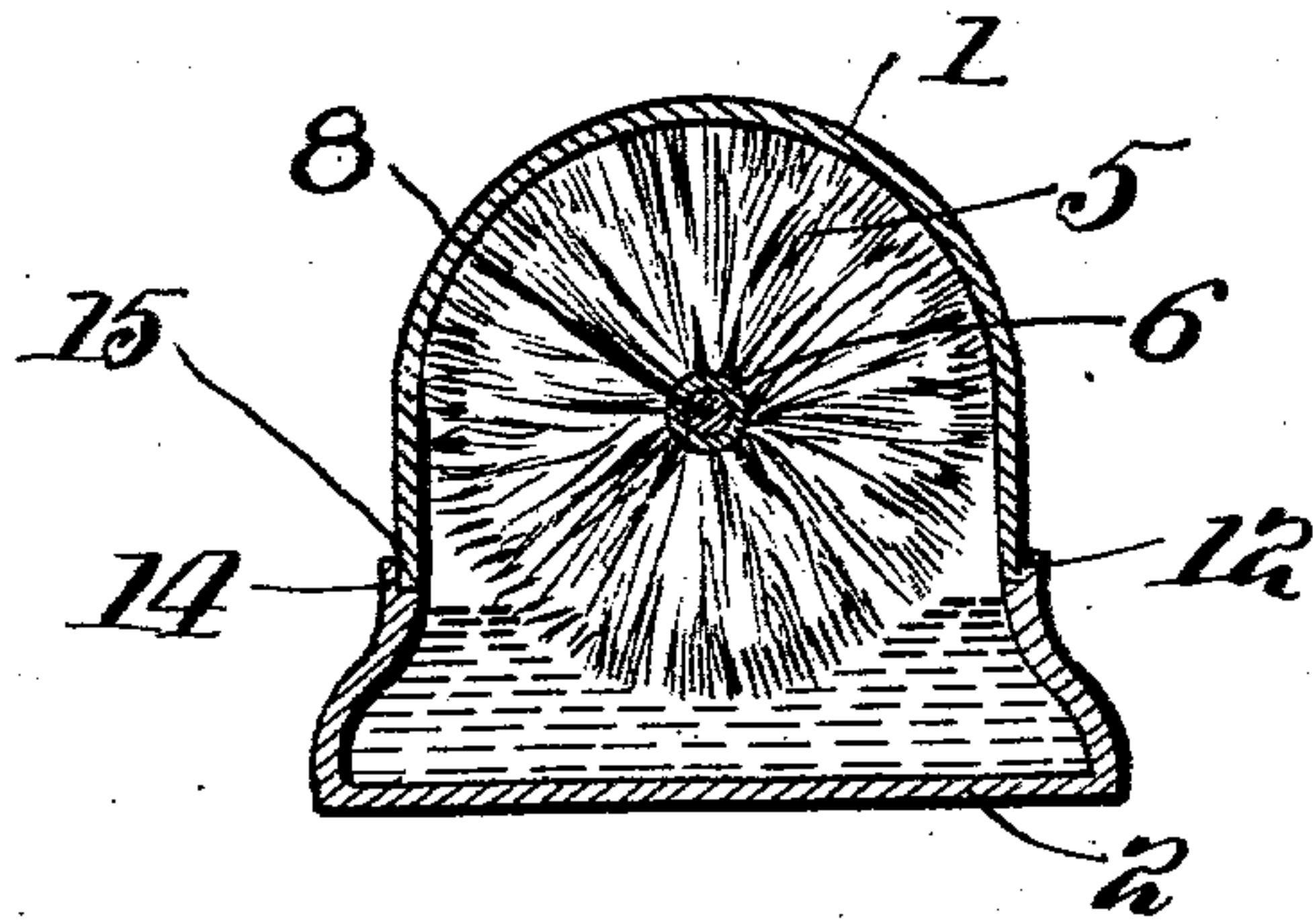


Fig. 2 -

Witnesses:
R. H. Butler.
E. D. Patten.

Inventor:
Pearl C. Crawford.
By H. C. Enert & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

PEARL C. CRAWFORD, OF SALEM, OHIO.

MOISTENING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 704,779, dated July 15, 1902.

Application filed April 5, 1902. Serial No. 101,527. (No model.)

To all whom it may concern:

Be it known that I, PEARL C. CRAWFORD, a citizen of the United States of America, residing at Salem, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Moistening-Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in moistening-machines, and relates more particularly to machines for moistening stamps, envelopes, and the like.

15 The present invention has for its object the provision of novel means whereby envelopes or stamps may be easily and quickly moistened; furthermore, to provide a device of this character that will be extremely simple in construction, strong, durable, comparatively inexpensive to manufacture, and highly efficient in its use.

20 With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts to be hereinafter more fully described, and specifically pointed out in the claim.

25 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference indicate like parts in both views, in which—

30 Figure 1 is a perspective view of my improved moistening-machine. Fig. 2 is a vertical sectional view thereof.

35 In the drawings, the reference-numeral 1 represents a semicylindrical casing. In connection with said casing is a fluid-receptacle 2, said casing having openings 3 and 4 formed therein, the openings 4 being formed intermediate of the openings 3. In this casing 1 is also rotatably secured a rotary brush 5, said brush being secured to a sleeve-casing 6, which in turn is secured, by means of a key 7, 40 to the central shaft 8, said shaft having its one end bent to conform to a crank 9, carrying a handle 10. This shaft is secured in the casing 1 by any suitable means, a nut 11 being employed to hold the same in position.

50 The reference-numeral 12 indicates the up-

per edges of the fluid-receptacle 2, these edges carrying a seat 14 for the reception of the lower edges 15 of the semicylindrical casing 1. It will be noted that the brush 5 extends through the openings 3 and 4, permitting the envelopes and stamps to be easily moistened by rotating the crank-handle 10, which will convey the moisture from the water or liquid receptacle 2 upon the gummed face of the envelopes or stamps. 55 60

The fluid-receptacle is preferably provided with a flat base and has convex-concave sides, which materially increases the capacity, as well as presenting a neat and pleasing effect. The seat 14 is on the inside and forms a shoulder against which casing 1 bears. This semicylindrical casing conforms in curvature to that of the brush, and in order to cause the bristles of the latter to project through the aforesaid openings of the casing it is necessary that the brush exert a certain pressure against the interior of the casing, so that the bristles may protrude through the openings when the latter are over the brush. 65 70

In order to fill the receptacle, the semicylindrical casing is removed and the receptacle filled with liquid, or the device may be submerged in a vessel containing water or other liquid. 75

The many advantages obtained by the use of my improved device will be readily apparent from the foregoing description, taken in connection with the accompanying drawings. 80

It will be noted that various changes may be made in the details of construction without departing from the general spirit of my invention. 85

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 90

In a moistener, the combination of a liquid-receptacle having seats formed on its upper edges and shoulders formed by the seats, a semicylindrical casing seated in said seats and bearing against said shoulders, with openings formed in said casing; a sleeve carrying a brush, a shaft mounted in said casing and receiving said sleeve with means for securing the sleeve to the shaft, one end of 95 100

the shaft projecting without the casing and
bent to form a crank whereby the brush may
be rotated, the bristles of the brush bearing
outwardly against the interior of the casing,
5 whereby they may project through the casing
when the brush is rotated, substantially as
described.

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

PEARL C. CRAWFORD.

Witnesses:

K. H. CRAWFORD,
J. E. SCOTT.