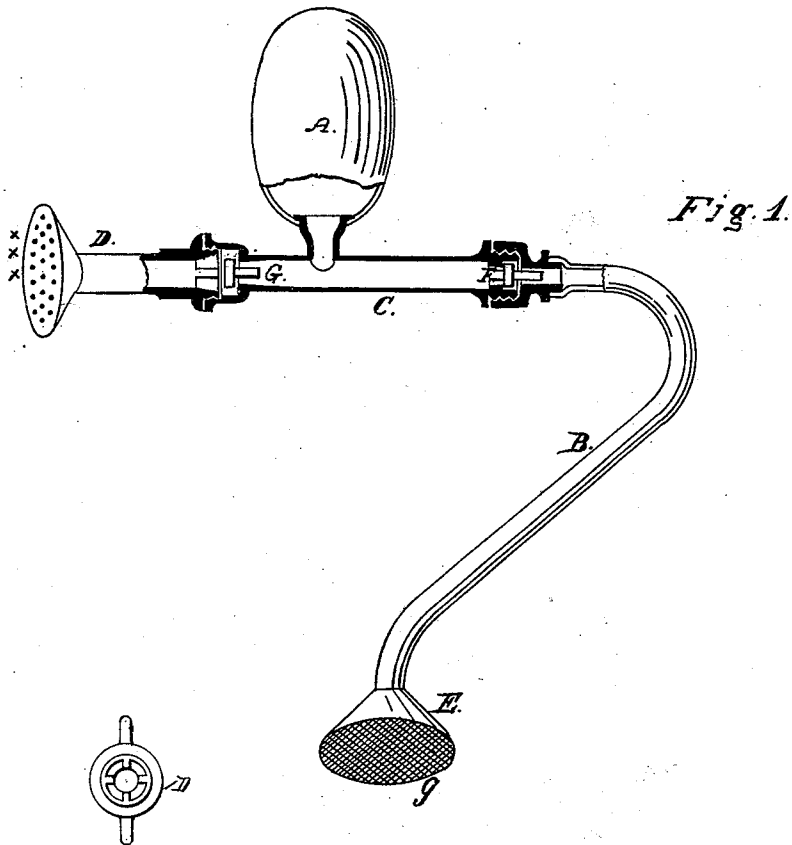


C. F. W. MAAS & W. SCHNELKE.

CLOTHES-SPRINKLER.

No. 186,741.

Patented Jan. 30, 1877.



WITNESSES:

H. Shaw
August Richter Jr.

INVENTOR:

Charles F. W. Maas,
William Schnelke,
By Jas B. Corwin
attorney.

UNITED STATES PATENT OFFICE.

CHARLES F. W. MAAS AND WILLIAM SCHNELKE, OF MILWAUKEE, WIS.

IMPROVEMENT IN CLOTHES-SPRINKLERS.

Specification forming part of Letters Patent No. **186,741**, dated January 30, 1877; application filed September 12, 1876.

To all whom it may concern:

Be it known that we, CHARLES F. W. MAAS and WILLIAM SCHNELKE, both of the city of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Clothes and Floor Sprinklers; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Our invention relates to improvements in machines for sprinkling clothes preparatory to ironing them, and for laying the dust on floors, carpets, &c.; the object of our invention being to convert water into a light spray by forcing it rapidly through minute apertures, by which means clothes may be more evenly and more perfectly moistened than by the ordinary process of sprinkling, and the dust on floors may be dampened without the accompanying danger of wetting them too much. The spray thus formed by our invention also serves an excellent purpose for cooling heated rooms.

The claim and drawings will further explain the nature of our invention.

Figure 1 of the accompanying drawings is a perspective and sectional view of our invention.

A is a bulb made of rubber or other suitable material. B is a small rubber hose-pipe, used to convey water to the valve-chest C, and from thence to the bulb A, where it is forced rapidly through the small apertures *x* in the funnel-shaped tube D, whereby the

water is converted into a spray or vapor. There is also a funnel-shaped tube, E, at the lower end of the hose B, over the mouth of which is a sieve, *g*, made of wire-cloth or other suitable material, which prevents all sediments from being drawn up with the water. There are two valves, F and G, in the valve-chest C, which open and close alternately, as follows: When the bulb A is compressed with the hand of the operator the valve F is closed and the valve G opened, and the air is forced out at D; when the bulb is allowed to expand the valve G is closed, and the water rushes in through the hose B above the valve F and fills the vacuum thus formed, when the second compression of the bulb A forces the water out through the minute openings in the tube D, as before described.

We do not claim as our invention the bulb A, the hose B, or the valve-chest C with the valves F and G, as we are aware that they are not new.

We claim as our invention—

A clothes-sprinkling apparatus, consisting of the tube B, having the funnel-shaped tube E on its end, protected by wire-gauze *g*; the valve-chamber C, elastic chamber or bulb A, and the funnel-shaped tube or nozzle D, having minute openings *x*, substantially as and for the purpose specified.

In testimony that we claim the foregoing as our own we affix our signatures in presence of two witnesses.

CHARLES F. W. MAAS.
WILLIAM SCHNELKE.

Witnesses:

K. SHAWVAN,
O. R. IRWIN.