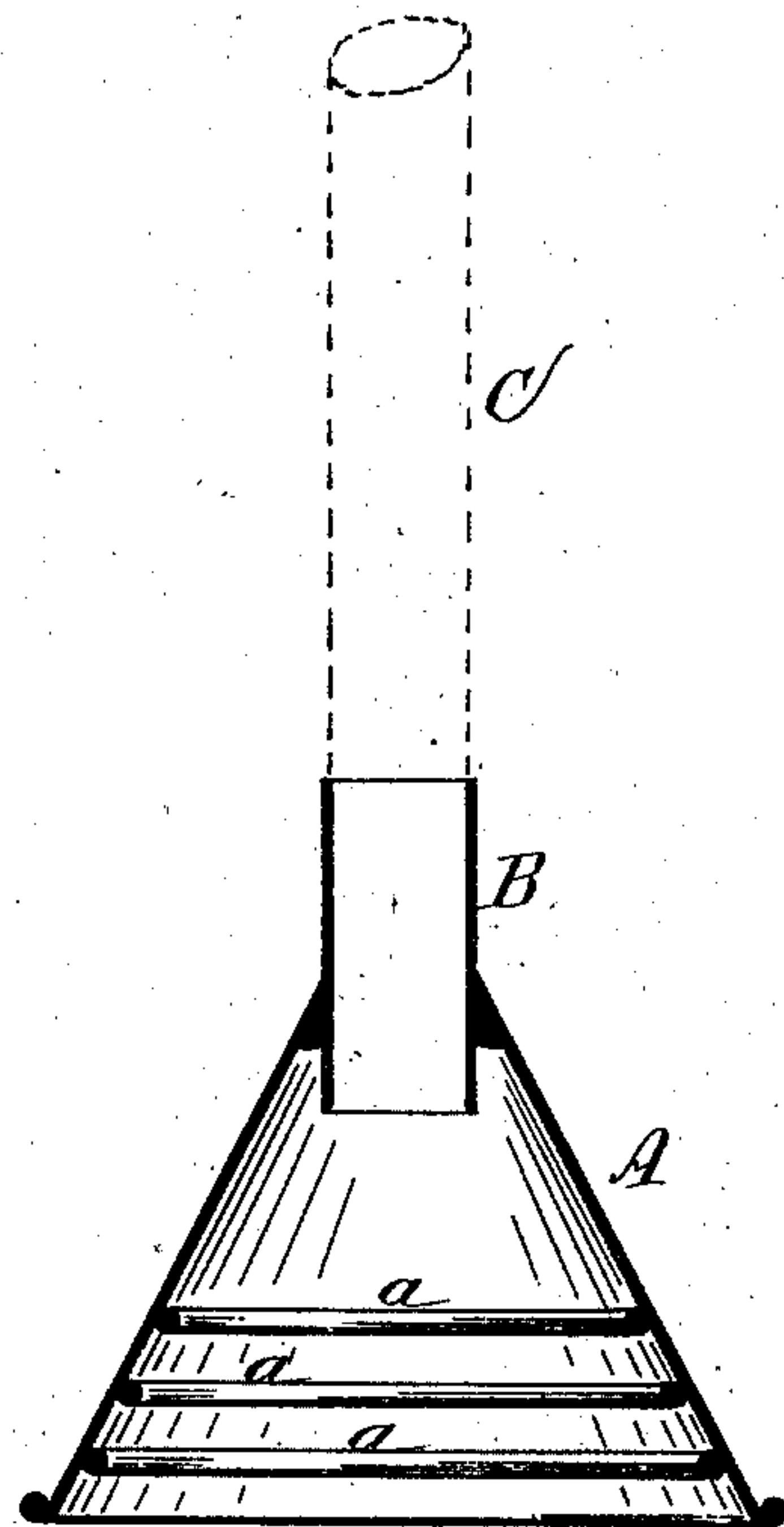


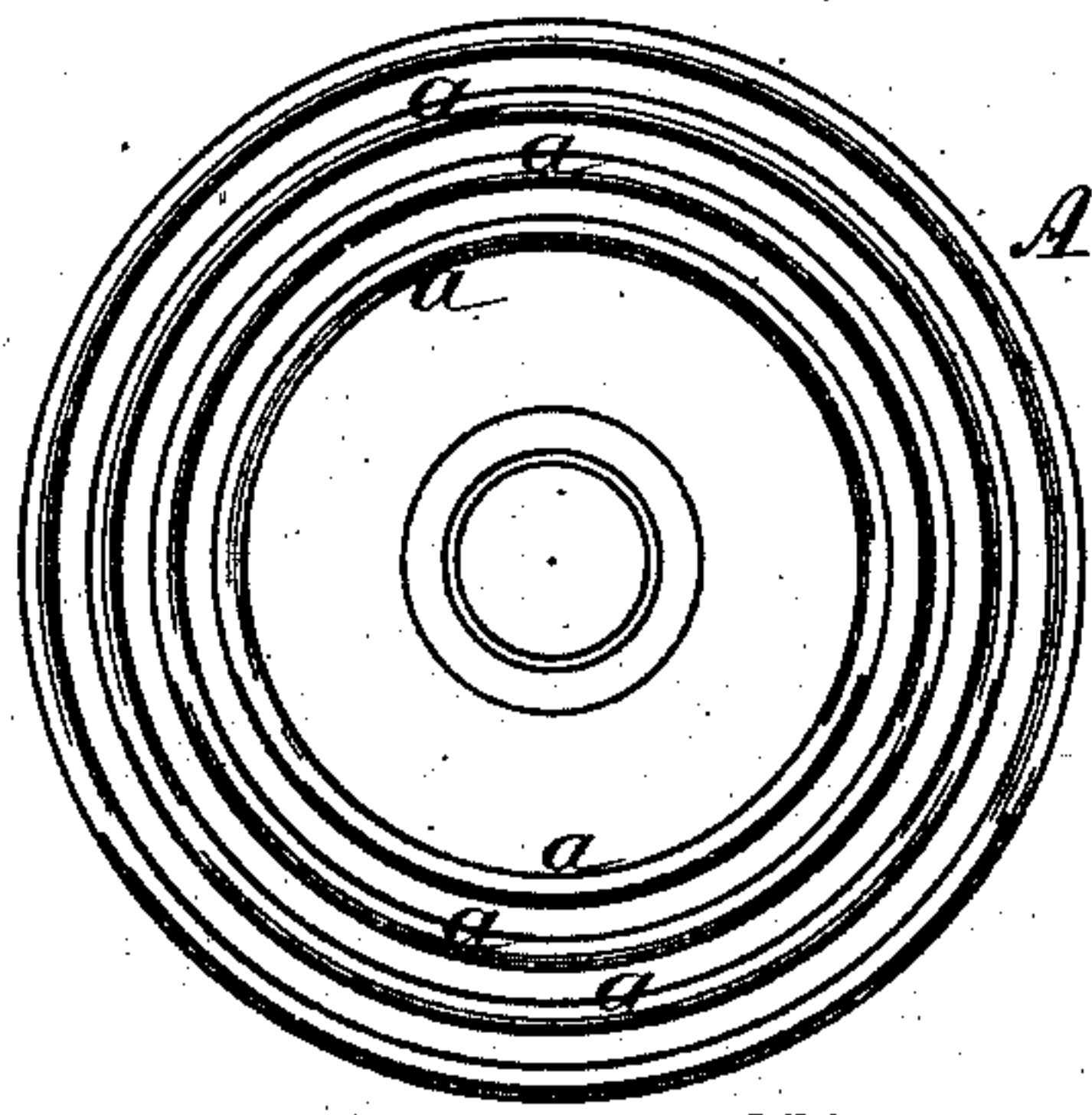
G. A. CROOKER.  
CLOTHES-POUNDERS.

No. 194,586.

Patented Aug. 28, 1877.



*Section.*



*Bottom View.*

*Witnesses:*

*Floyd Norris*  
*D. P. Caw*

*Inventor:*

*George Augustus Crooker*  
*by Johnson & Johnson*  
*Attys*

# UNITED STATES PATENT OFFICE.

GEORGE A. CROOKER, OF CHARLOTTESVILLE, VIRGINIA.

## IMPROVEMENT IN CLOTHES-POUNDERS.

Specification forming part of Letters Patent No. **194,586**, dated August 28, 1877; application filed June 28, 1877.

*To all whom it may concern:*

Be it known that I, GEORGE AUGUSTUS CROOKER, of Charlottesville, in the county of Albermarle and State of Virginia, have invented certain new and useful Improvements in Compressed Air and Suction Cup Washer; and I 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 the letters of reference marked thereon, which form a part of this specification.

A conical-shaped cup is used for washing clothes by vertical pressure; and my improvement consists in providing the interior of said cup with coils of wire soldered to the inner surface, and making projections equal to the full thickness of the wire, for the purpose of acting upon the clothes and holding them down while the cup is being pressed into the tub, the washing being effected by the compression of the air within the cup, forcing it self through the clothes and sucking out the dirt.

The drawings represent a conical cup-washer in section and bottom view.

The conical cup A is provided with a socket or tube, B, to receive a staff or handle, C, by which to operate it with successive pressures upon the clothes.

The cup is of a size convenient for handling,

and made of tin or other suitable material. It can be weighted on the outside, if desirable. On its interior walls a number of concentric or spiral coils of wire, *a*, are soldered, so as to project inward from the surface their full thickness. They commence at or near its base and extend up a short distance toward the apex, and they serve to hold the clothes from extending too high up into the cup while the air is being compressed therein.

The round form of the wire projecting from the plain surface and soldered in place renders the action of the cup more effective and cheapens its manufacture. These soldered wires increase the strength and durability of the cup.

The wire coils may extend to the apex of the cup, and they may also be arranged in sections, forming alternate wire rows and plain surfaces.

I claim—

A conical cup for washing clothes having the wire coils *a* soldered upon and projecting from its interior surface, as and for the purpose set forth.

In testimony that I claim the foregoing I have affixed my signature in presence of two witnesses.

GEORGE AUGUSTUS CROOKER.

Witnesses:

A. E. H. JOHNSON,

J. W. HAMILTON JOHNSON.