

L. W. TRUESDELL & F. CURTIS.

Wash-Boilers.

No. 143,796.

Patented Oct. 21, 1873.

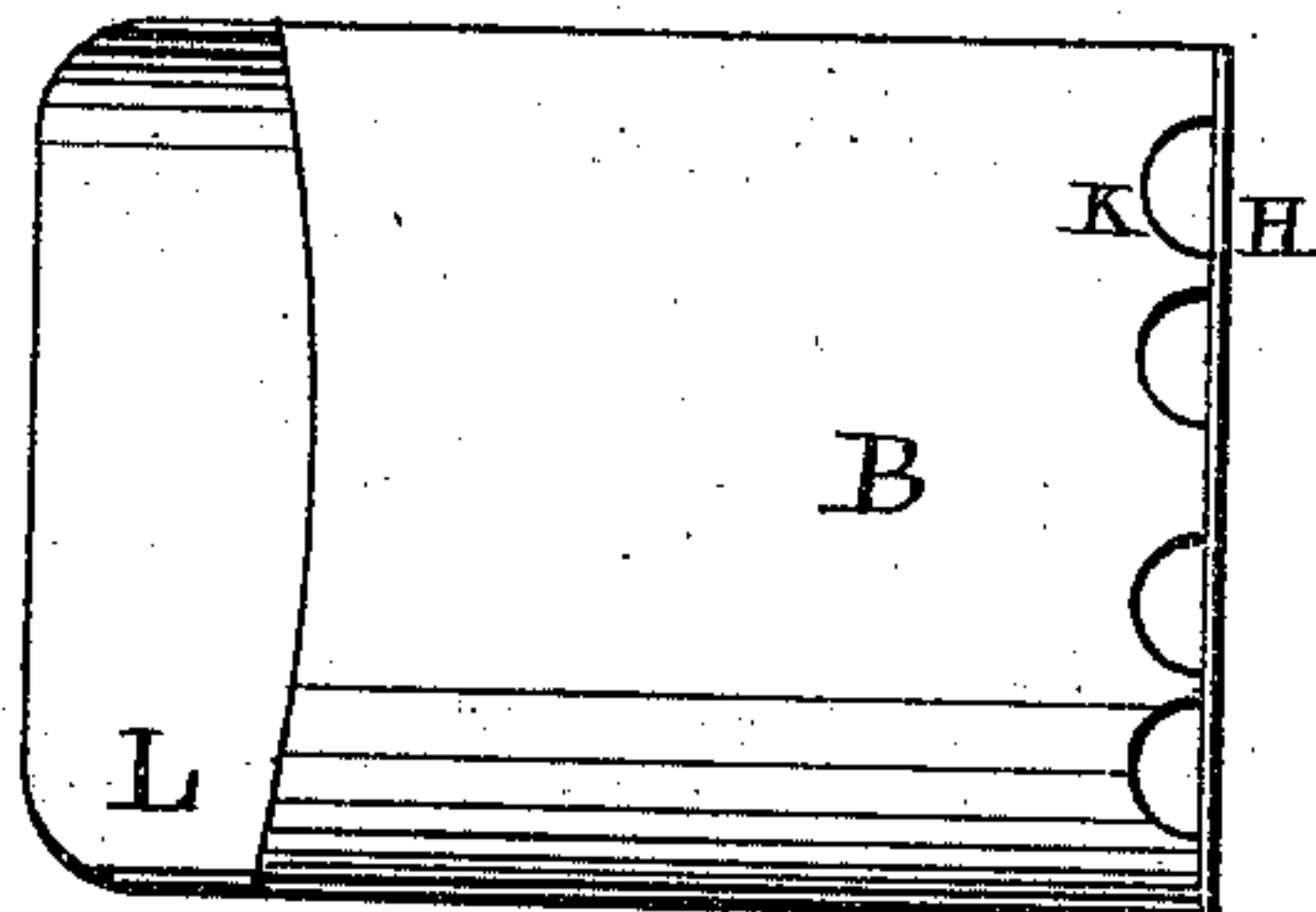


Fig. 1.

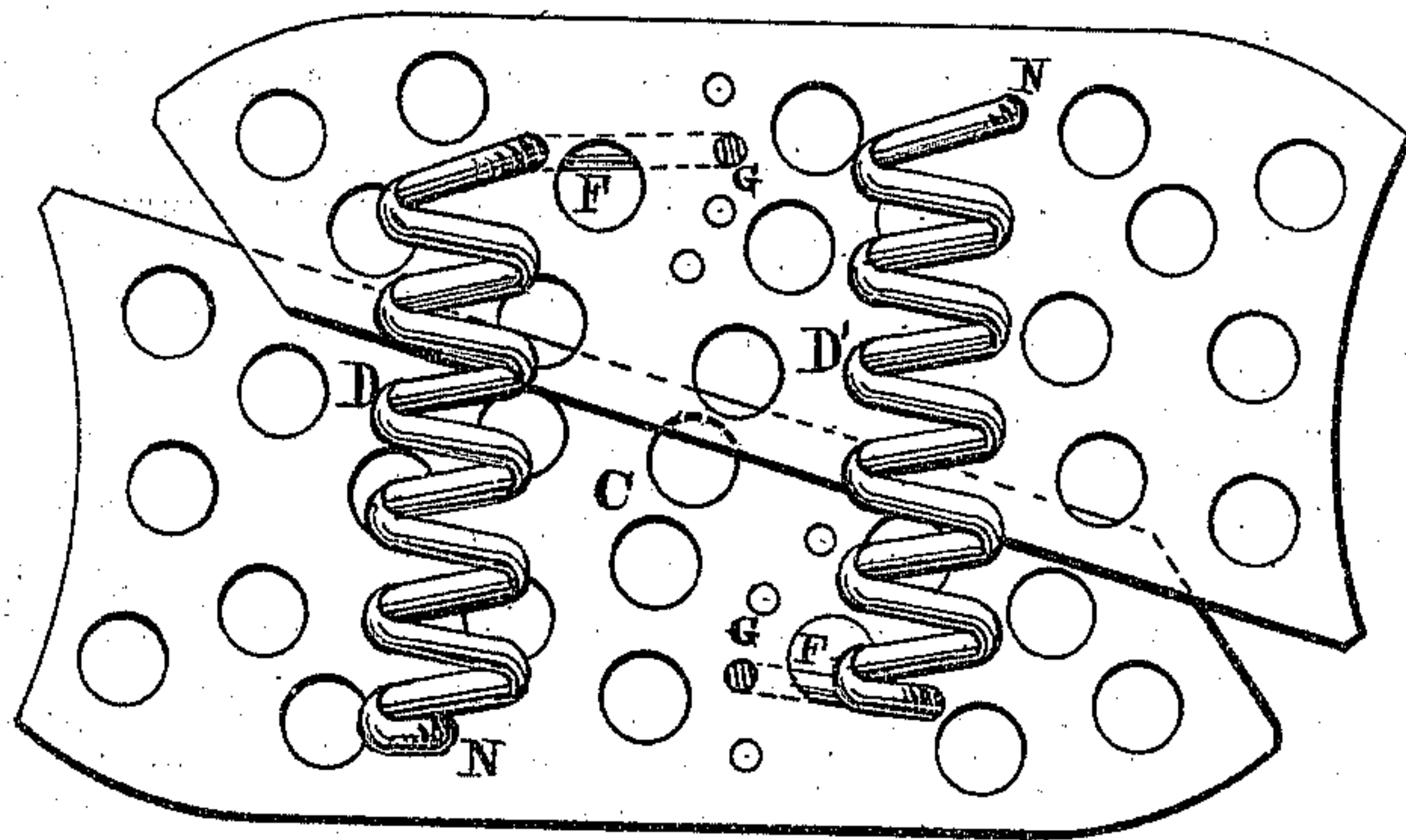


Fig. 2.

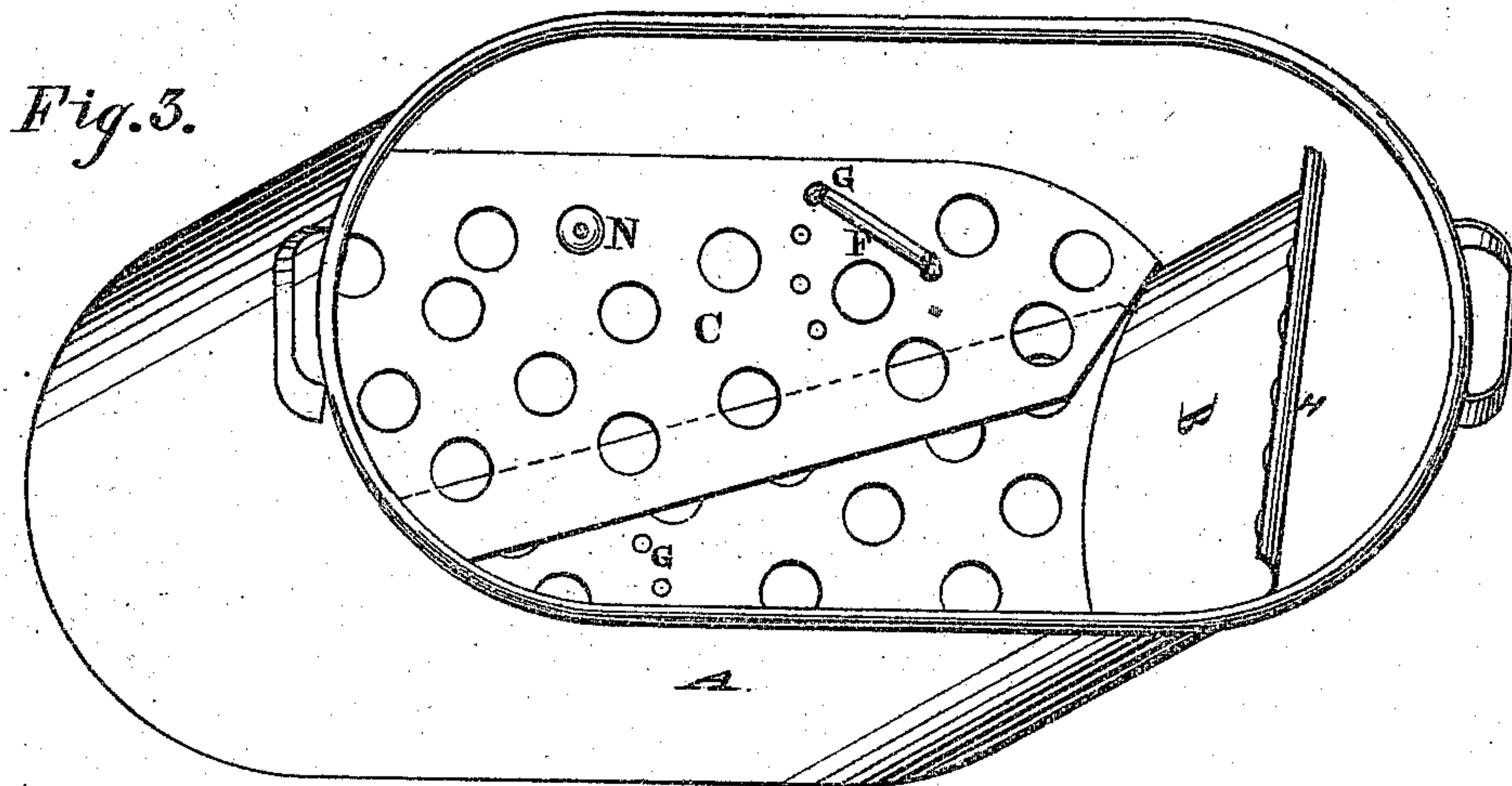


Fig. 3.

Witnesses.

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Inventor.

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Frank Curtis.

UNITED STATES PATENT OFFICE.

LEWIS W. TRUESDELL AND FRANK CURTIS, OF OWEGO, NEW YORK.

IMPROVEMENT IN WASH-BOILERS.

Specification forming part of Letters Patent No. **143,796**, dated October 21, 1873; application filed June 19, 1873.

To all whom it may concern:

Be it known that we, LEWIS W. TRUESDELL and FRANK CURTIS, both of Owego, in the county of Tioga, in the State of New York, have invented new and useful Improvements in the Steam Wash-Boiler; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Our invention consists in providing detached spouts and an adjustable false bottom. The spouts are so constructed that they will fit a boiler of any size or shape, and can be raised or lowered according to the quantity of clothes in the boiler. The false bottom is made to adjust itself to boilers of different sizes.

To enable others skilled in the art to make and use our inventions, we will proceed to describe their construction and operation.

We construct the detached spouts B, No. 1, of tin, or any suitable material, of an oval shape at the bottom. We make the inside piece shorter than the back L, to allow the water to pass up through the orifices K at the top of the spouts, and disseminate itself through the clothes. The top of the back piece H can be bent to any angle desired to direct the water in the boiler. The adjustable false bottom C, No. 2, is made of two angular pieces, G, of tin, or any suitable material, with openings to allow the water to pass from the clothes to the bottom of the boiler. The spiral springs

D support the false bottom by resting on the bottom of the boiler. They also give the angular pieces a lengthwise and sidewise motion, thereby regulating itself to different-sized boilers, and holding the detached spouts to their places. One end of the spring is pivoted to one of the angular pieces at N. The other is passed through a hole, F, of the other angular piece, and bent so as to form a latch, bending the end to operate in a circle of holes, G, to adjust the bottom to any pressure or size.

As the latch is moved toward the center of the boiler it increases the torsion strain of the spring thereby.

No. 3 represents a perspective view of the boiler with spouts and bottom attached ready for operation.

This device can be placed in any boiler, at any time, and removed at will, leaving it entirely free for any other purpose.

What we claim as our invention, and desire to secure by Letters Patent, is—

The detached spouts B, in combination with the adjustable perforated false bottom C, formed in sections, and connected with wire springs, the extensions of which form legs, substantially as shown and described.

LEWIS W. TRUESDELL.
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Witnesses:

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