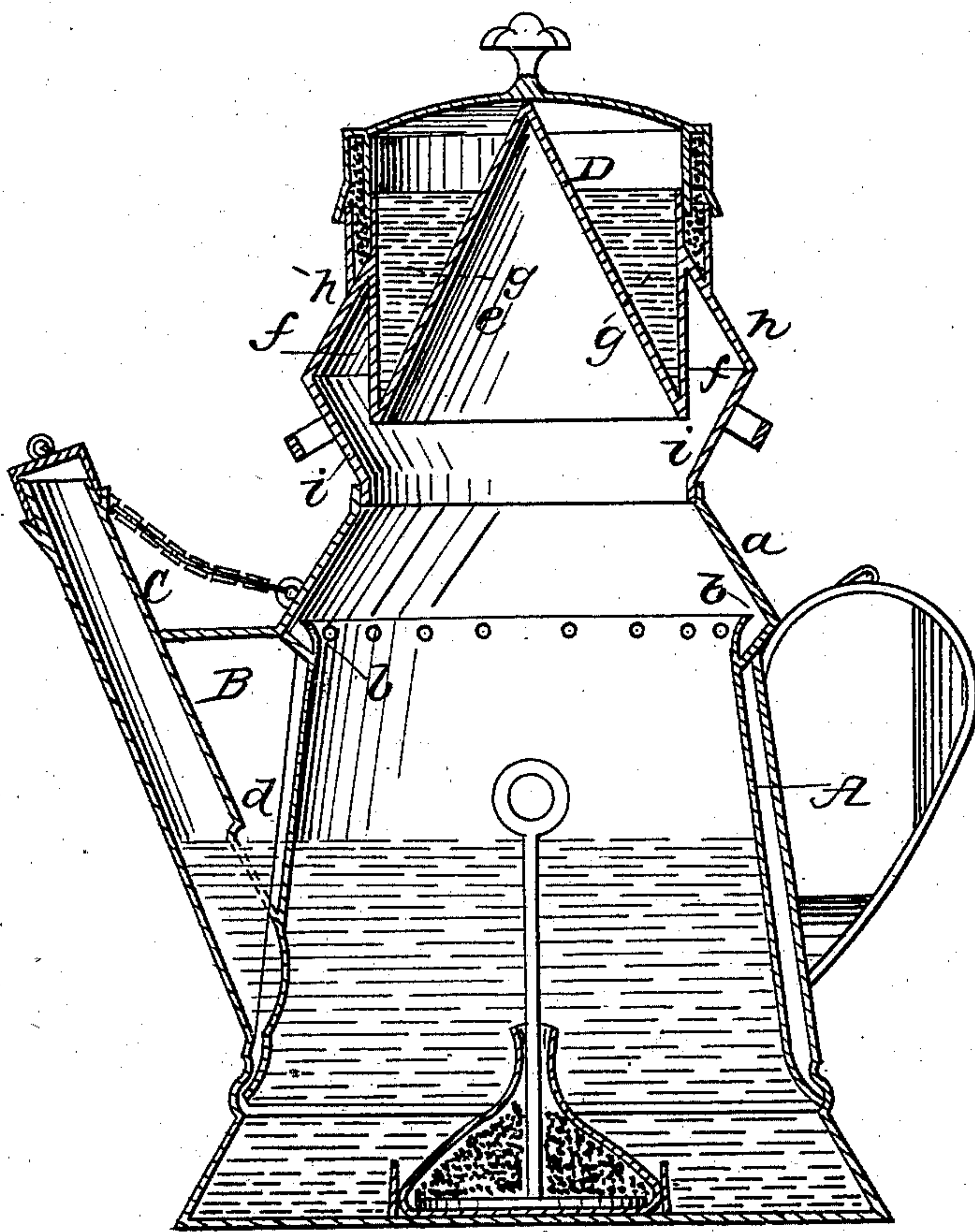


H. W. MOSHER.

Coffee Pot.

No. 32,141.

Patented April 23, 1861.



Witnesses
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UNITED STATES PATENT OFFICE.

H. W. MOSHER, OF WARREN, ILLINOIS.

COFFEE-POT.

Specification of Letters Patent No. 32,141, dated April 23, 1861.

To all whom it may concern:

Be it known that I, H. W. MOSHER, of Warren, in the county of Jo Daviess and State of Illinois, have invented a new and Improved Coffee-Pot; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

10 The drawing represents a vertical central section of my invention.

This invention consists in the arrangement of a breast or air space in the upper part of the boiler, and communicating with a hollow
15 brace between the body of the boiler and the spout in such a manner that a portion of the steam or vapor arising from the boiling liquid in the pot or boiler is condensed on passing through said air-space and hollow
20 brace and returned in a liquid state to the boiler, also in the arrangement of a conical air space around and in the center of the cold water condenser in such a manner that the condensation of the steam or vapor arising from the liquid in the boiler is facilitated and the full flavor or aroma retained.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation with
30 reference to the drawing.

The boiler or pot A, is made of sheet metal or any other suitable material in the ordinary manner and shape. A breast or air space *a*, is arranged in the upper part of said
35 boiler, and the sides of this air-space are inclined toward an annular channel *b*, which passes all around the body of the boiler, and which communicates by means of holes *c*, with the interior of the boiler and with a
40 hollow brace B, that is inserted between the body of the boiler and the spout C. This brace communicates with the spout through an aperture *d*, and the vapor or steam arising from the liquid in the boiler on striking
45 the breast *a*, is partially condensed and after

having been reduced to a liquid state it runs down over said inclined sides into the channel *b*, and through the perforations *c*, back into the boiler, or it finds its way into the hollow brace B, from which it passes back
50 into the boiler through the aperture *d*.

That portion of the vapor or steam which is not condensed by coming in contact with the breast and hollow brace rises up into the hollow spaces *e*, and *f*, in the
55 center and around the condenser D, which is placed on the top of the boiler A. This condenser consists of the water-space *g*, which surrounds the conical central space *e*, and which is surrounded by the air space *f*.
60 The sides *h*, *i*, which form or surround the air space *f*, are inclined, as clearly shown in the drawing, so that the condensed liquid in running down over said sides is conducted back into the boiler and at the same time
65 by making the said sides inclined, the condensing surface of the air space is increased. By thus combining the condensing power of the breast and brace with that of the cold water condenser *g*, and air space *f*,
70 the vapor or steam rising from the liquid in the boiler is completely condensed, and all the flavor or aroma of the coffee or other substance to be extracted is preserved.

Having thus fully described my invention
75 what I claim as new and desire to secure by Letters Patent is:—

1. The arrangement of the breast *a*, annular channel *b*, and hollow brace B, in combination with the boiler A, constructed and
80 operating as and for the purpose set forth.

2. The arrangement of the air space *f*, with the inclined sides *h*, *i*, in combination with the water-space *g*, and boiler A, constructed and operating in the manner and
85 for the purpose set forth.

H. W. MOSHER.

Witnesses:

M. PUTNAM,
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