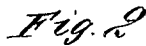


Cooking Vessels.

Patented March 4, 1873.



Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM Y. THOMSON, OF OYSTER BAY, NEW YORK.

IMPROVEMENT IN COOKING-VESSELS.

Specification forming part of Letters Patent No. 136,467, dated March 4, 1873.

To all whom it may concern:

Be it known that I, WILLIAM Y. THOMSON, of Oyster Bay, in the county of Queens and State of New York, have invented a new and useful Improvement in Cooking Vessels or Boilers, of which the following is a specification:

Figure 1 is a top view of a boiler to which my improvements have been applied, part of the cover being broken away to show the construction. Fig. 2 is a side view of the same, partly in section, through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved cooking vessel or boiler which shall be so constructed that the cover will be held securely in place while the water is being poured from the solid contents of said boiler, and that the contents of said boiler may be "tried" to see if they are fully cooked without its being necessary to remove the cover for that purpose; and it consists in the cover, made with perforations, notches, and holes, and provided with a handle and flaps, as hereinafter fully described, to adapt it to be applied to a vessel provided with a shoulder or flange and stops; and in the small bail and inclined lugs, constructed and applied to a vessel provided with an ordinary bail, as hereinafter fully described.

A represents an ordinary cooking-boiler, upon the inner surface of which, near its upper edge, is formed, or to it is attached, a shoulder or flange, *a*, for the cover to rest upon, and which may extend wholly or partly around the boiler, as may be desired. To the inner surface of the boiler, upon its opposite sides, are formed, or to it are attached, projections or pins *a*², at such a distance above the shoulder or flange *a*¹ as to afford space between them for the cover. B is the cover, in the forward part of which is formed a number of small holes, *b*¹, through which the liquid contents of the boiler may flow out when the said boiler is tilted. The perforated part of the cover B is covered with a flap, C, hinged to the middle part of the cover, and the edge of which is so formed as to fit against the inner surface of the boiler A, to prevent the escape of steam through the holes *b*¹. In the edge of the perforated part of the cover B are formed notches *b*², corresponding in

position with the position of the stops *a*² upon one side of the boiler A, so that by turning back the flap C, and turning the cover B around so as to bring the notches *b*² to the stops *a*², that edge of the cover may be raised, allowing the cover to be detached. The cover B is provided with a handle, D, for convenience in handling it. In the cover B is formed a hole, *b*³, of sufficient size to allow a fork to be inserted through it to "try" the contents of the boiler, whether they be fully cooked. The hole *b*³ is provided with a flap, E, to cover it and prevent the escape of steam. The flaps C and E are provided with knobs or small handles for convenience in raising them when required. F is the ordinary bail, which is pivoted to ears formed upon the opposite sides of the boiler in the ordinary manner. Upon one side of the lower part of the boiler A are cast, or to it are attached, two lugs, G, at a little distance apart, which lugs project outward, and incline or curve toward each other, as shown in Fig. 1. H is a small bail, the ends of which are bent outward, and are passed from the inner side through holes in the lugs G, as shown in Fig. 2.

By this construction, when no weight is upon the bail H, the elasticity of the wire forming the bail and the inward inclination of the lugs G will hold the said bail in an upright position, as shown in Fig. 2. When weight is thrown upon the bail H in tilting the boiler the elasticity of the wire that forms the bail H allows the said bail to work in the lugs G as readily as if they were straight.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The cover B made with the perforations *b*¹, the notches *b*², and the hole *b*³, and provided with the handle D and flaps C and E, substantially as herein shown and described, to adapt it to be applied to a vessel provided with the shoulder or flange *a*¹ and stops *a*², as and for the purpose set forth.

2. The bail H and inclined lugs G, constructed and applied to a vessel provided with an ordinary bail, F, substantially as herein shown and described, and for the purpose set forth.

WILLIAM Y. THOMSON.

Witnesses:

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