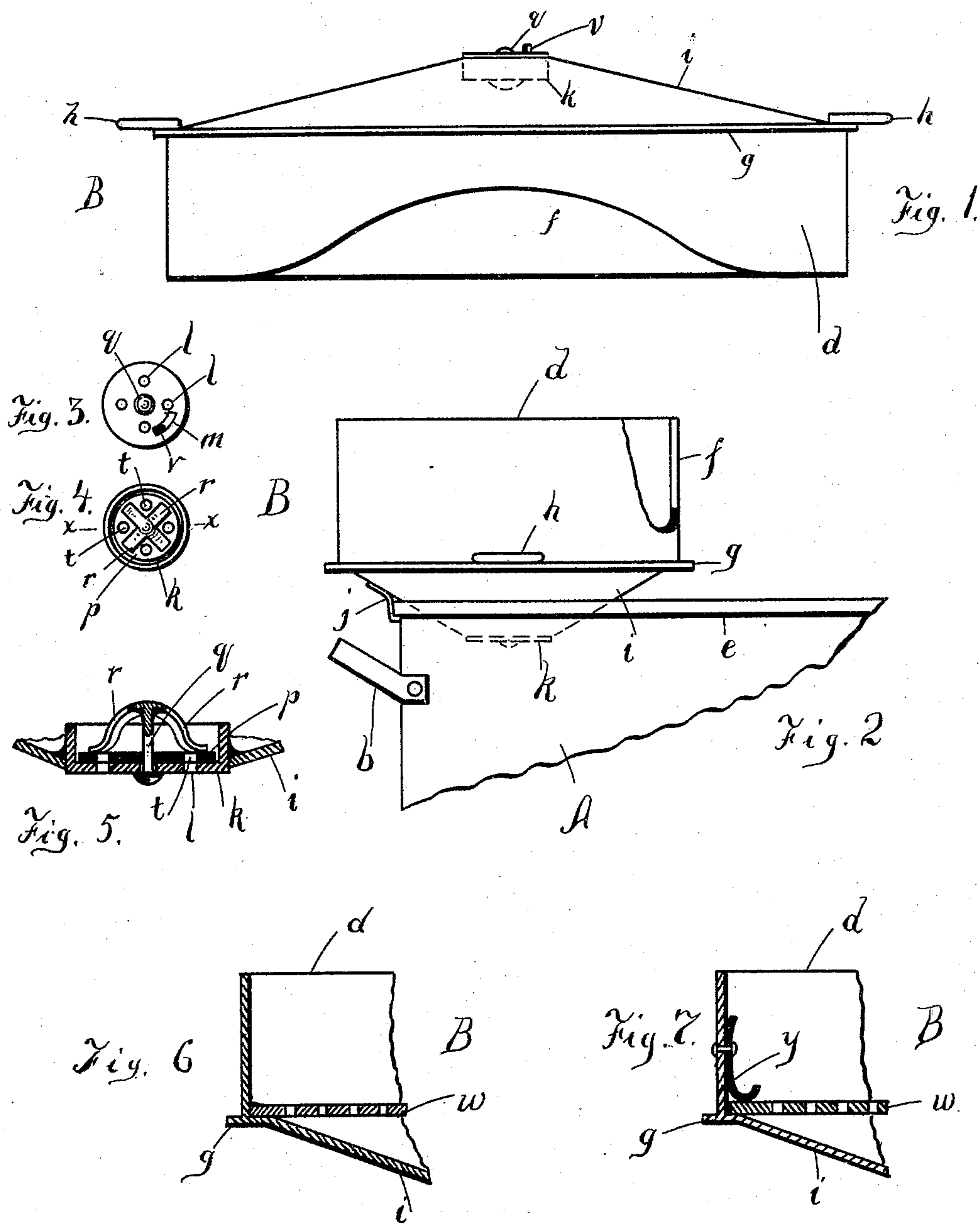


(No Model.)

A. P. THISSELL & G. S. BRADSTREET.  
WASH BOILER.

No. 433,498.

Patented Aug. 5, 1890.



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# UNITED STATES PATENT OFFICE.

ARTHUR P. THISSELL AND GEORGE S. BRADSTREET, OF BEVERLY,  
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## WASH-BOILER.

SPECIFICATION forming part of Letters Patent No. 433,498, dated August 5, 1890.

Application filed October 3, 1889. Serial No. 325,868. (No model.)

*To all whom it may concern:*

Be it known that we, ARTHUR P. THISSELL and GEORGE S. BRADSTREET, both of Beverly, in the county of Essex, State of Massachusetts, have invented certain new and useful Improvements in a Combined Wash-Boiler and Drainer, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side elevation of the cover of my improved boiler; Fig. 2, an elevation showing the cover in use as a drainer, the body of the boiler being broken away; Figs. 3 and 4, respectively, top and bottom plan views of the drainer attachment detached; Fig. 5, an enlarged section on line *xx* in Fig. 4, and Figs. 6 and 7 sectional views illustrating details of construction.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

Our invention relates to a combined wash-boiler and drainer employed for washing clothing; and it consists in certain novel features hereinafter fully set forth and claimed, the object being to produce a simpler, cheaper, and more effective device of this character than is now in ordinary use.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the body of the boiler, and B the cover considered as a whole. The boiler-body is oval in plan view in the ordinary manner, and is provided at each end with a handle *b*. The cover B has its sides *d* greatly elongated, and one of said sides is cut away or grooved at *f*, as shown in Fig. 1. On the supporting-flange *g* of the cover and each end thereof there is secured a horizontally-arranged handle *h*. In the apex of the cover-top *i* a cylindrical cup-shaped piece *k* is secured, provided in its top with one or more holes or perforations *l* and

a curved slot *m*. (See Fig. 3.) A disk *p* is swiveled on the inside of the cup *k* by means of a pivot *q*, said pivot having curved spring-arms *r* on its inner end, which bear against said disk and hold it tightly against the perforated cup-top. The disk is provided with perforations *t*, which are adapted to register with those in said cup and with a stud *v*, which projects through the slot *m* in said cup-top. Within the cover a drain-tray *w* is disposed. This tray may be of any suitable material and construction, and be fixed or detachable. In Fig. 6 a fixed tray is shown, and in Fig. 7 a detachable tray is illustrated, the detachable tray being held in the cover by means of swiveled buttons *y* pivoted to the flange of the cover. To the outer side of the top *i* a hook *j* (see Fig. 2) is secured, said hook being adapted to take under the ordinary bead *e* at the top of the boiler when said cover is inverted for use as a drainer.

In the use of our improvement, when the device is used for boiling the clothing the body is closed by the cover B in the usual manner. The disk *p* is revolved by means of the stud *v* until its perforations do not register with those in the cup. The springs *r* hold said disk firmly against said cup and prevent the steam from escaping. When the clothes have been sufficiently boiled the cover is removed, the disk *p* turned so that its openings register with those in the cup, and said cover placed in an inverted position laterally across one end of the boiler-top, with its grooved portion *f* inward, as shown in Fig. 2. The catch *j*, engaging the bead *e*, holds said cover in position. The clothing is then transferred from the boiler into the cover, the groove *f* permitting this with little liability of spilling the water over the sides thereof. The drain-tray *w* prevents the clothes from stopping up the openings in the disk, through which the water from said clothes flows back into the boiler. After having thus drained the clothing it may readily be transferred in the cover to the rinsing-tubs by means of the fixed handles *h*, the groove *f* permitting them to be easily turned out from said cover.



Having thus explained our invention, what we claim is—

5 In a wash-boiler, a cover having drain-perforations in its top, a disk pivoted to the top and having openings adapted to register with said perforations, and a stud projecting through said top, and springs on the pivot for

holding the disk against said top, substantially as and for the purpose set forth.

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