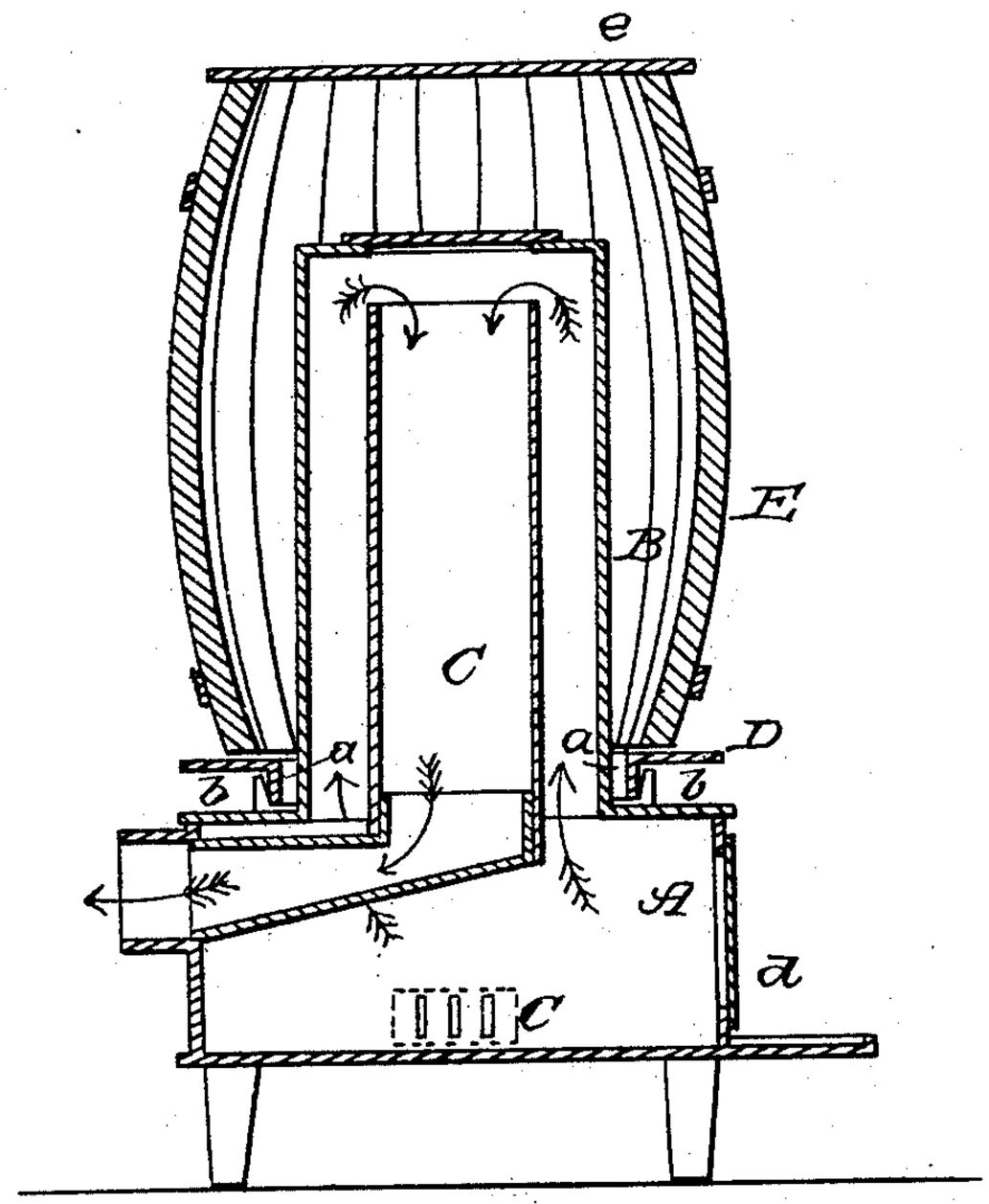
THOMPSON & SEYMOUR.

Barrel Cresset.

No. 23,410. Patented March 29, 1859.



WITNESSES

Wm H. Knox

Daniel C. Harris 2d

INVENTOR

John S. Thompson

Marvin J. Seymour,

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

J. S. THOMPSON AND M. J. SEYMOUR, OF GLENS FALLS, NEW YORK.

CRESSET FOR HEATING BARRELS.

Specification of Letters Patent No. 23,410, dated March 29, 1859.

To all whom it may concern:

Be it known that we, J. S. THOMPSON and M. J. SEYMOUR, both of Glens Falls, in the county of Warren and State of New York, have invented a new and Improved Cresset, a device used by coopers for heating barrels or casks in course of construction; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, making a part of this specification, said drawing being a vertical central section of our invention.

To enable those skilled in the art to fully understand and construct our invention we will proceed to describe it.

A, represents a stove which may be of ordinary rectangular or box form and having a cylinder or drum B, attached to its upper surface, said cylinder or drum communicating with the interior of the stove.

C, is a flue which extends upward within the cylinder or drum B, nearly to its upper end, said flue passing out at the back of the stove.

D, is an annular bed which is placed on the stove A, and encompasses the lower part of the cylinder or drum B. This bed may be provided with legs or with a flanch *a*, extending downward at right angles, the flanch or legs being fitted or placed within vertical projections *b*, on the stove, the projections preventing the casual moving of the bed. The stove A, at both sides is provided with a draft opening *c*, at each side, and with a door *d*, at its front end.

The barrel E, to be operated upon shown in red has its staves secured together by truss hoops as usual, and the barrel is placed on the bed D, and a cover *e*, is placed on the barrel H. When the fire in the stove is lighted the products of combustion pass up the cylinder or drum B, and down the flue C, and out at the back of the stove. The cylinder or drum B, extends upward nearly to the top of the barrel or cask and the interior of the cask becomes heated the heat being retained within the cask by the cover *e*. The bed D, supports the barrel in proper position without the liability of its being burned at its lower end.

The draft of the stove being circuitous, its heat is radiated principally within the cask, consequently the desired work is accomplished without an unnecessary expenditure of fuel and the barrel may be quickly adjusted on and off of the cresset. The staves when heated are readily bent into form and properly hooped, this work being performed as usual.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is:—

The arrangement of an annular bed D, at the base of the apparatus and above the escape flue C, to receive and support the barrel, as and for the purpose herein shown and described.

JOHN S. THOMPSON.
MARVIN J. SEYMOUR.

Witnesses:
WM. H. KNOX,
DANIEL G. NORRIS, 2d.