

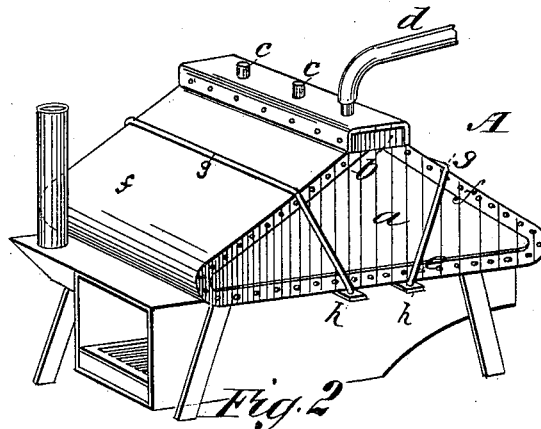
(No Model.)

J. H. McCANDLESS.  
BOILER AND FEED STEAMER.

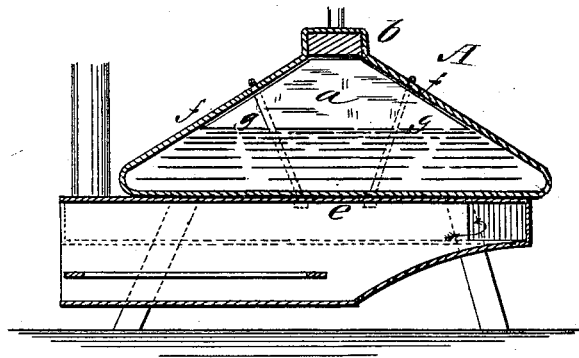
No. 266,495.

Patented Oct. 24, 1882.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Francis M. Child,*  
*Co. Sedgwick*

INVENTOR:

*J. H. McCandless*  
BY *Munn & Co.*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

JESSE H. McCANDLESS, OF OXFORD, IOWA.

## BOILER AND FEED-STEAMER.

SPECIFICATION forming part of Letters Patent No. 266,495, dated October 24, 1882.

Application filed August 5, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JESSE H. McCANDLESS, of Oxford, in the county of Johnson and State of Iowa, have invented a new and Improved  
5 Boiler and Feed-Steamer, of which the following is a full, clear, and exact description.

The object of my invention is to provide a boiler or steamer that may be applied to an ordinary stove or furnace.

10 Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of the boiler.

15 Fig. 2 is a transverse section of the same.

A is the boiler, which is of triangular form in cross-section, and is constructed with the wooden end pieces, *a*, and upper strip, *b*, of wood, connecting the end pieces, the flat bottom *c* and inclined sides *f f* being formed of  
20 sheet metal drawn tightly around the end pieces and nailed securely in place. In the upper part of the boiler are valves *c c*, and a tube, *d*, is connected at the upper part for conveying away the steam. The boiler is secured

upon the furnace by the clasps *g g*, which pass over the inclined sides *f*, across the ends to ears *h*, or any other convenient place on a furnace or stove.

This boiler or steamer is to be placed upon  
an ordinary stove or furnace, and on account  
of its broad bottom it has a large extent of  
heating-surface, and will boil water more rapidly and with less fuel than an ordinary kettle. For cooking or steaming feed it will act  
efficiently and without burning the material.  
The triangular form allows a small quantity  
of water to be heated for making steam rapidly. The construction is durable, simple, and  
inexpensive.

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

The boiler constructed with the end pieces, *a a*, top piece, *b*, and metal sides and bottom attached to the end pieces, substantially as  
shown and described.

JESSE H. McCANDLESS.

Witnesses:

MICHAEL PURCELL,  
SIDNEY DENNIS.