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PATENTED

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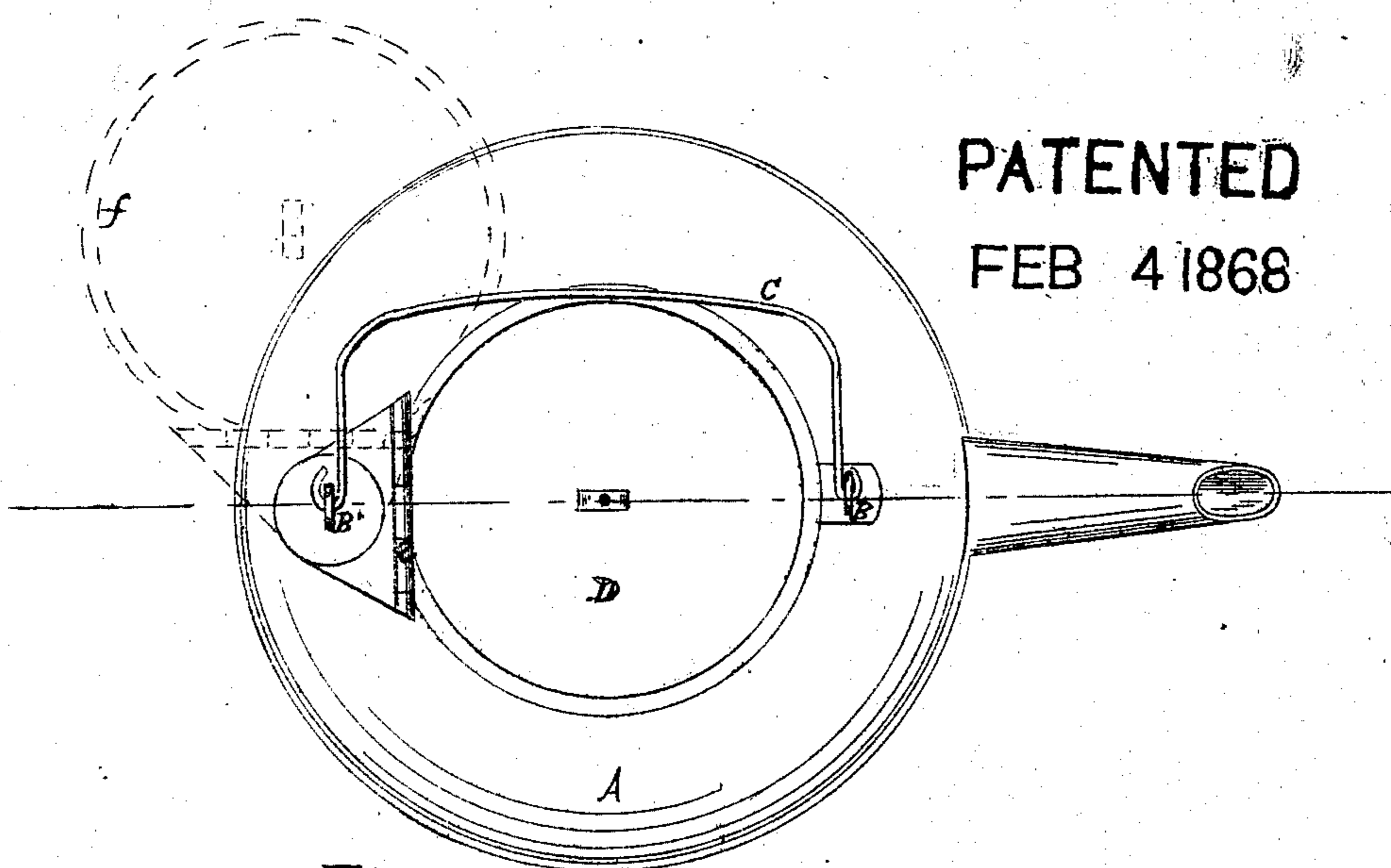


Fig: 2

*I. De Haven*  
*Imp'd Tea-kettle.*

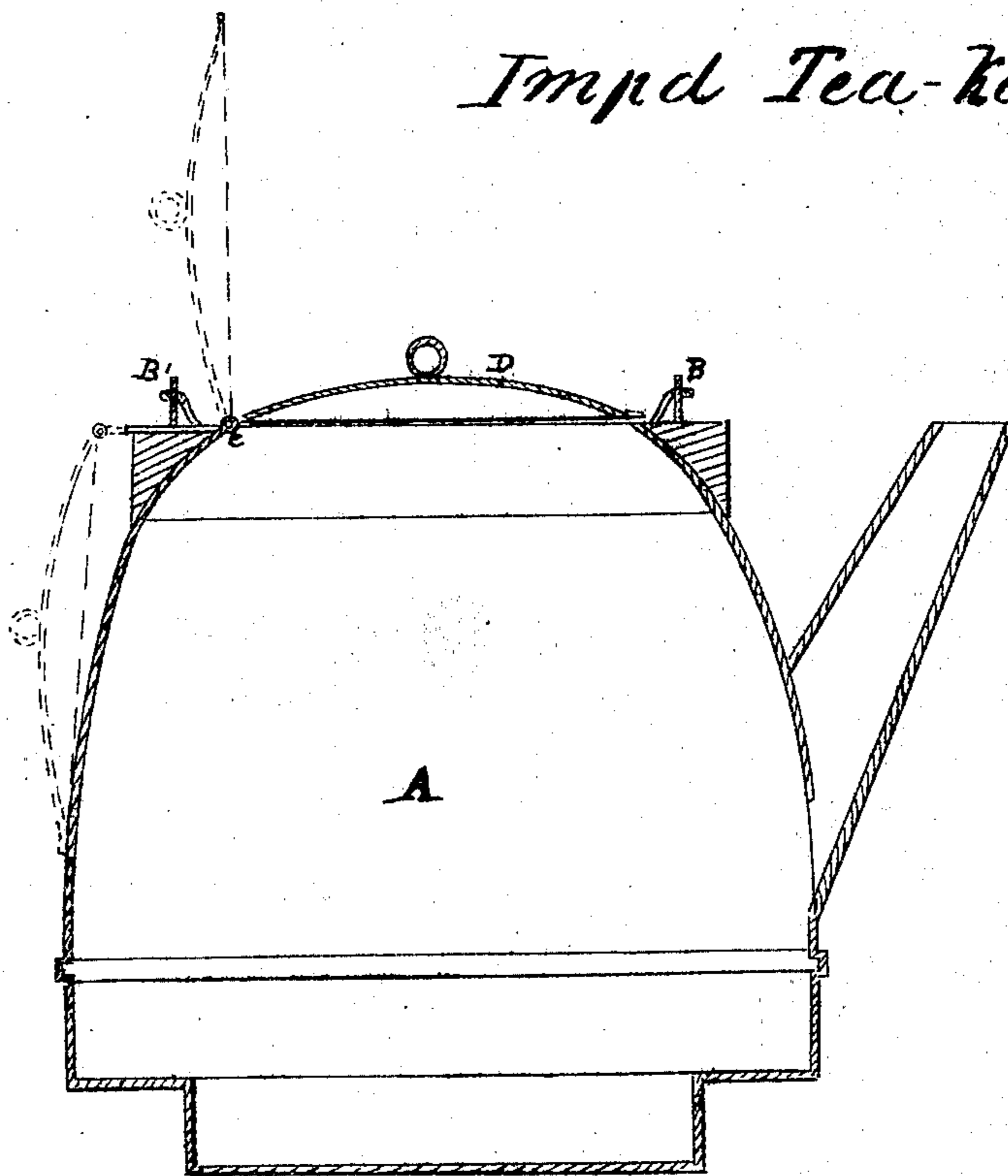


Fig: 1

Attest { *Aaron B. Cate*  
*A. C. Johnston*

*Inventor*

*I. De Haven*  
*By his attorney*  
*James J. Johnston*

# United States Patent Office.

ISAAC DE HAVEN, OF ALLEGHENY CITY, PENNSYLVANIA.

*Letters Patent No. 74,057, dated February 4, 1868.*

## IMPROVEMENT IN LID FOR TEA-KETTLES.

The Schedule referred to in these Letters Patent and making part of the same.

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, ISAAC DE HAVEN, of the city and county of Allegheny, in the State of Pennsylvania, have invented certain new and useful Improvement in "Tea-Kettles;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in pivoting the lid of a tea-kettle to the back lug for the handle, and providing said pivoted lid with a hinged joint, so that said lid may be turned sideways, turned down, or opened up, in the manner and for the purpose hereinafter described.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation. In the accompanying drawings, which form part of my specification—

Figure 1 represents a longitudinal vertical section of my improved tea-kettle.

Figure 2 is a top view of the same.

In the drawings, A represents the body of the kettle; B and B', the lugs, to which the handle C is attached; D represents the lid, which is pivoted to the lug B' for the handle C, and is provided with a hinged joint at point marked *e*. By thus pivoting the lid, and providing it with the hinged joint, the lid may be turned sideways, as indicated by the dotted lines *f*, shown in fig. 2, or it may be opened up, or turned down, as indicated by the dotted lines shown in fig. 1, thereby combining all the advantages of the pivoted and the hinged lids in my improvement.

I wish it clearly understood that I do not claim, broadly, pivoting the lid to the body of a tea-kettle, nor do I claim hinging the lid to the body of kettles, for both of these modes are well known.

I claim a lid provided with a hinged joint, and pivoted to the body of a tea-kettle or other vessel, substantially as herein described, and for the purpose set forth.

ISAAC DE HAVEN.

Witnesses:

JAMES J. JOHNSTON,  
PHILIP MOWRY.