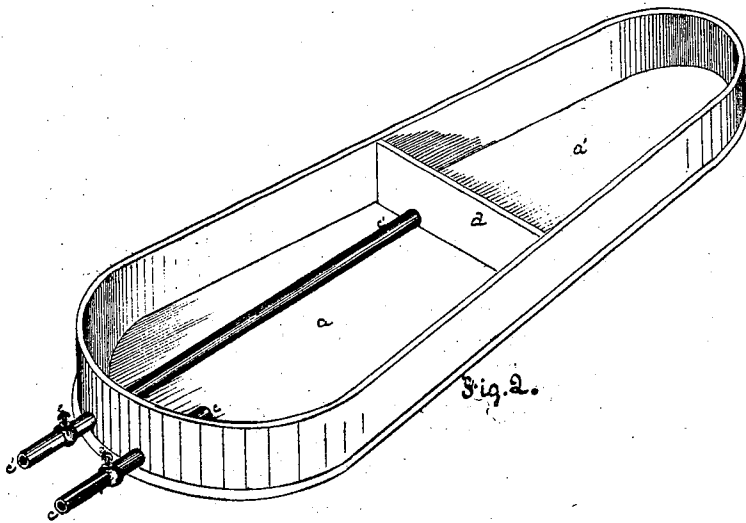
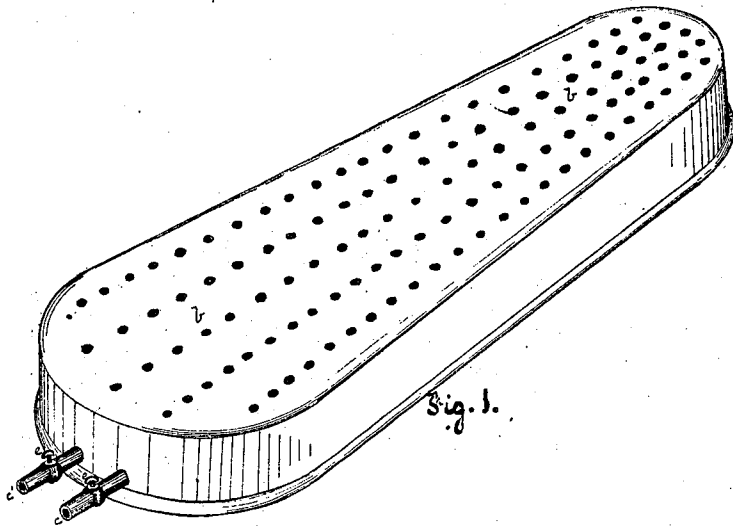


J. Fischer,

Ironing Table.

No. 107,469.

Patented Sep. 20, 1870.



Witnesses:

R. L. Brewster

Thos. Bakewell

Inventor:

Jacob Fischer,
by Bakewell & Christy
his Attys.

United States Patent Office.

JACOB FISCHER, OF PITTSBURG, PENNSYLVANIA.

Letters Patent No. 107,469, dated September 20, 1870.

IMPROVEMENT IN IRONING-BOARDS.

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, JACOB FISCHER, of the city of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Ironing-Board; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, in which—

Figure 1 is a perspective view of my improved ironing-board, and

Figure 2 is a like view of the same, with the top board or cover plate removed.

Like letters of reference indicate like parts in each.

My invention relates to the construction of a hollow ironing-board or table, with perforated top, for use with steam.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and manner of use.

It is made of metal or wood, or other suitable material, by any of the known modes of manufacture.

It consists of a hollow chamber, *a a'*, of the length and width desired in the ironing-board or table, but it need not be of any great depth.

This chamber *a a'* is tightly inclosed on all sides, except on top, where it is covered by a finely-perforated plate or cover, *b*, as shown.

By means of a pipe, *c*, leading to any suitable steam-generator, I supply the chamber *a a'* with steam.

On top of the plate *b* I place one or more layers of cloth, such as will permit the steam to pass through slowly, and, by a gradual condensation, give off its heat and moisture. The garments or articles to be ironed or smoothed are then laid on top and operated on by a heated iron or brush in the usual way.

The moisture given off by the steam keeps the articles, while being ironed, in the condition requisite to prevent their burning, and also requisite to secure the desired finish, whether they be starched or unstarched.

I also find it often a matter of convenience so to construct the ironing-board described, that steam will be admitted, sometimes to but a part of its perforated cover, and at other times to the whole. To accomplish this I divide the chamber *a a'* by means of a close diaphragm, *d*, and then, by one steam-pipe, *c*, discharge steam into the chamber *a*, and by another, *c'*, into the chamber *a'*.

Each pipe is furnished with a cock, *e*, by which to turn off or on the supply of steam. Then, if the clothes or articles to be ironed are large, I admit steam by both pipes, so as to use the whole surface of the ironing-board, but if they are small, I accomplish the desired result by the expenditure of a less amount of steam, and admit steam to only one of the compartments, *a* or *a'*, into which the chamber is divided.

The condensed water may be drawn off by cocks at any suitable points. The whole apparatus is cheap in construction, easily used, and, in either a steam laundry or family wash-room, will save a considerable amount of labor, and enable the work to be done better and more expeditiously.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A hollow ironing-board or table, with finely-perforated top, and a steam-pipe for the supply of steam thereto, substantially as described.

2. An ironing-board or table, with its hollow chamber divided into two or more compartments by one or more diaphragms, *d*, a steam-pipe to each, and a finely-perforated cover over the whole, substantially as described.

In testimony whereof, I, the said JACOB FISCHER, have hereunto set my hand.

JACOB FISCHER.

Witnesses:

JOHN GLENN,
G. H. CHRISTY.