

HOCK & ZITZ.

Foot Warmer.

No. 50,123.

Patented Sept. 26, 1865.

Fig. 1.

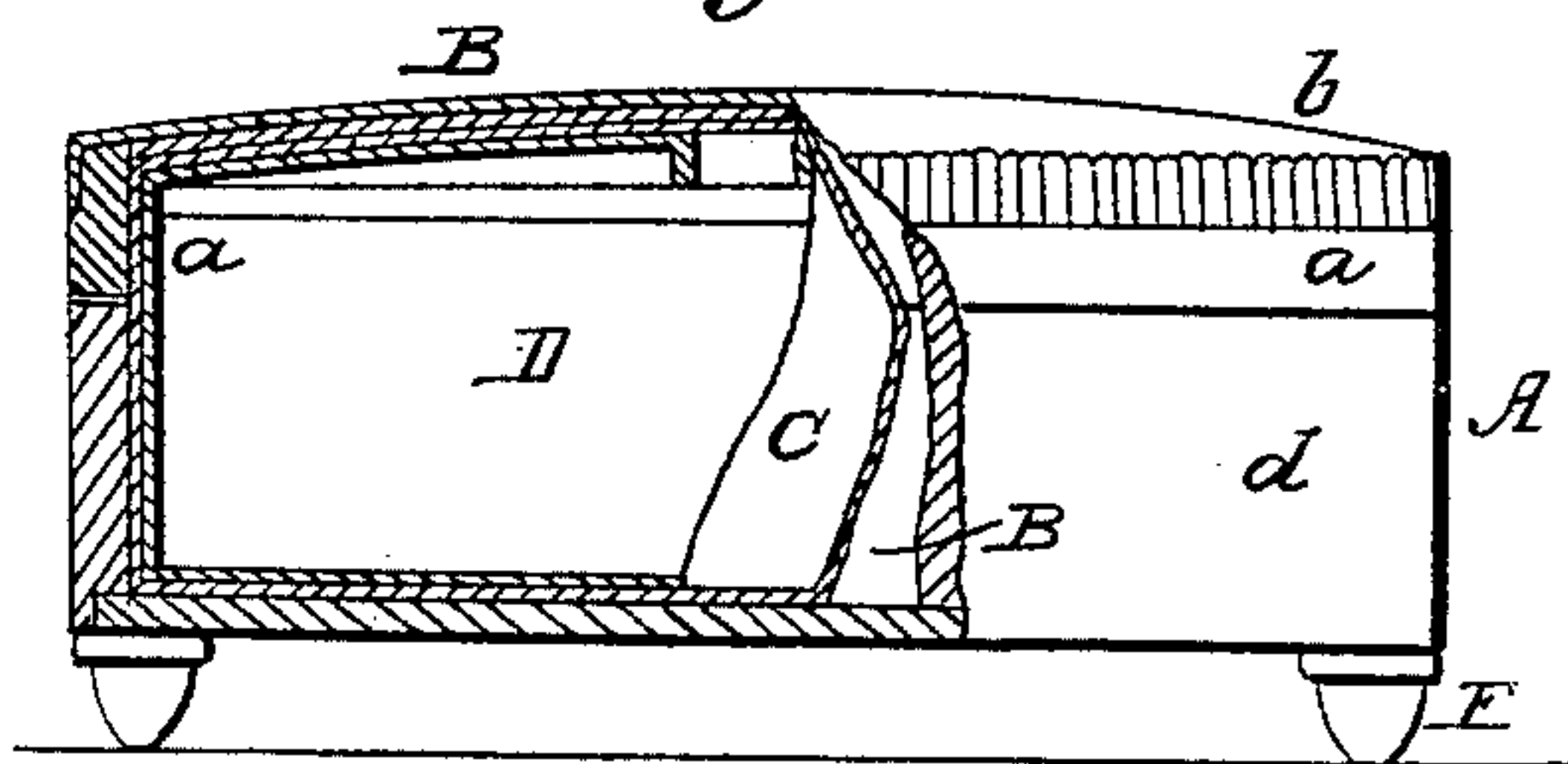
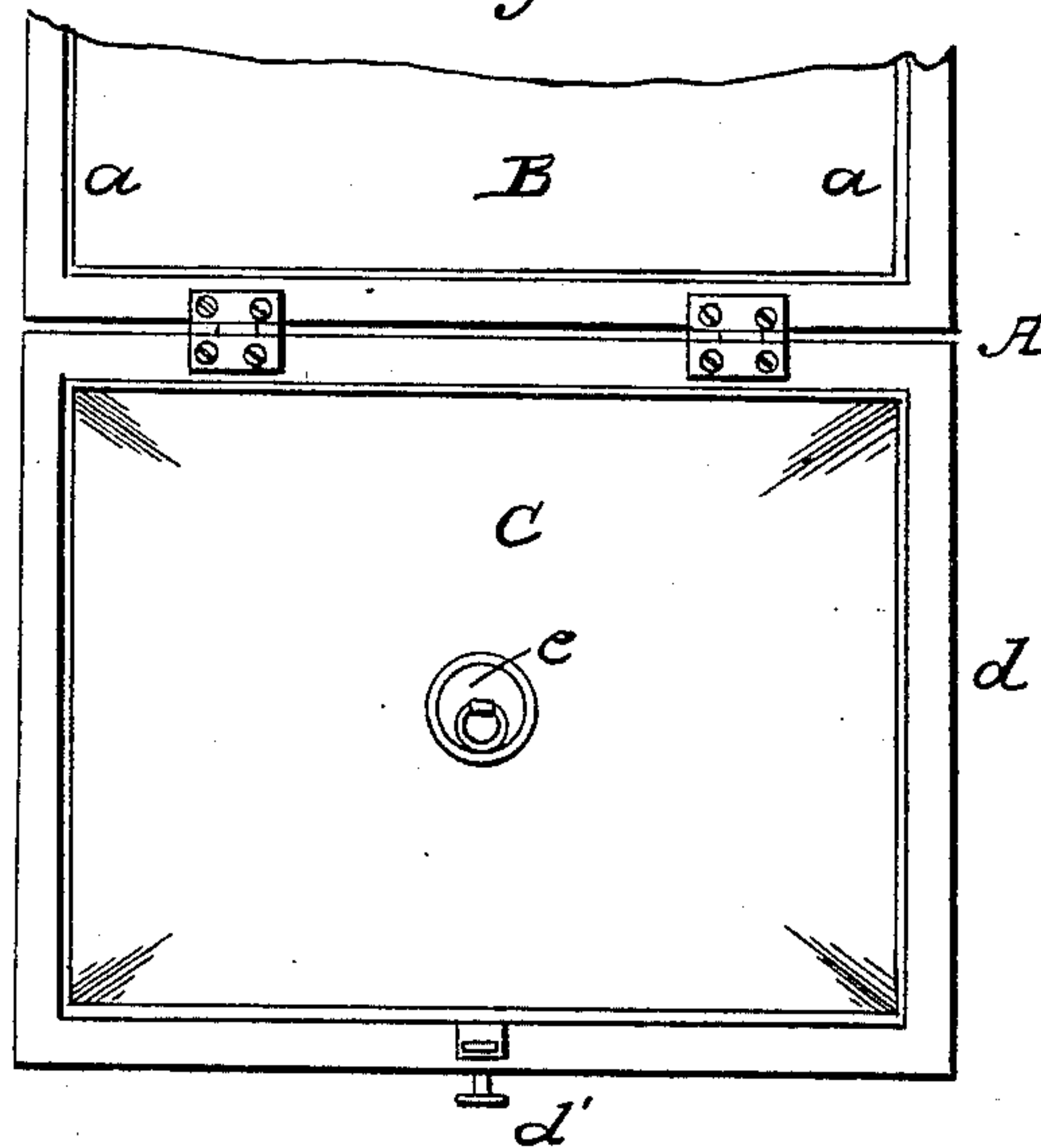


Fig. 2.



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UNITED STATES PATENT OFFICE.

HERMANN HOCK AND JACOB ZILZ, OF PHILADELPHIA, PENNSYLVANIA.

FOOT-WARMER.

Specification forming part of Letters Patent No. 50,123, dated September 26, 1865.

To all whom it may concern:

Be it known that we, HERMANN HOCK and JACOB ZILZ, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Foot-Warmers; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation of a foot-warmer made after our invention, part of one side being shown broken away in order to expose its internal construction. Fig. 2 is a plan of the same when the cover is thrown back, part of the cover being shown broken away.

Similar letters of reference indicate like parts.

This invention consists in a foot-warmer so made as to permit of its use in all places of exposure, as well as in sheltered places, like the apartments of a house, it being very portable and easily prepared for use.

A designates the foot-warmer, the outside box being here shown to be made of wood. This box is divided into a lower part, *d*, and an upper part or cover, the two being connected by hinges at the back, and when the cover is down it is held to the lower part or body *d* by a spring-latch, *d'*, of any proper construction. The cover is not solid, but consists of an outer frame or rim, *a*, to which are tacked the materials *b* B, that inclose the top of the box. These materials are twofold, the outer part consisting of carpeting, plush, velvet, or any other ornamental fabric, designated by the letter *b*, and the inner part, B, being composed of flannel or other fabric of open or loose texture, with a layer of wadding above it, or the wadding may be omitted if the two fabrics *b* B compose a body of sufficient thickness. The interior of the lower part, *d*, of the box is also lined with flannel B.

C is a vessel, made of tin, or it may be of any other suitable metal, or of earthenware, whose size is such as to fit snugly in the part *d*, and it extends above it far enough to fill the cover of the box and support the fabrics B *b*. The vessel C has a central opening on its upper side, to which is fitted a stopper, *e*, which may have a screw-thread joint in the said opening or be secured in any other proper way. The vessel C is to be filled with hot water D, or with hot sand or some equivalent medium, for heating the apparatus.

The apparatus may be provided with feet, as here shown, in order to raise it above the floor and prevent the loss of heat thereby from conduction, and to save a valuable carpet or other surface from injury by heat.

It is evident that this foot-warmer can be used after the manner of a footstool with facility and advantage inside of carriages and cars, or by the drivers or other persons in exposed positions, in stores, offices, and other apartments, and by outdoor venders. It can also be used in a bed to warm the feet of invalids and of those persons whose feet are habitually cold.

When the sand or water or other heating medium has lost its heat, it can be poured out by removing the stopper *e*, and reheated, or fresh material put into the vessel C.

We claim as new and desire to secure by Letters Patent—

As a new article of manufacture, the foot-warming stool herein represented and described, consisting of the external case, A, upholstered hinged cover *a* *b* B, sheet-metal water-box D, fitting closely within the case, non-conducting lining C and feet F, all as specified.

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Witnesses:

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