

I. L. THOMPSON.

Butt-Hinges.

No. 134,617.

Patented Jan. 7, 1873.

Fig. 1.

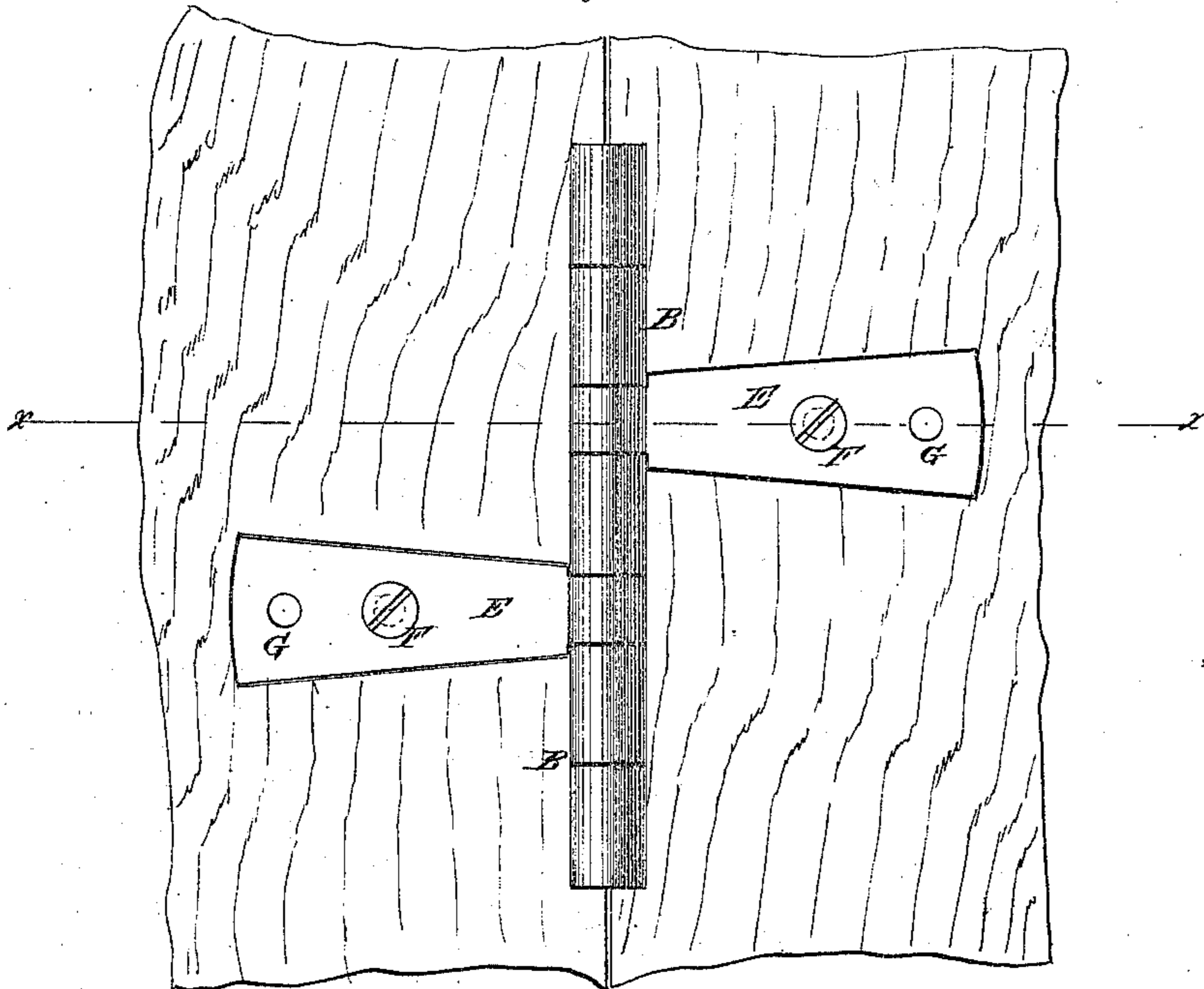
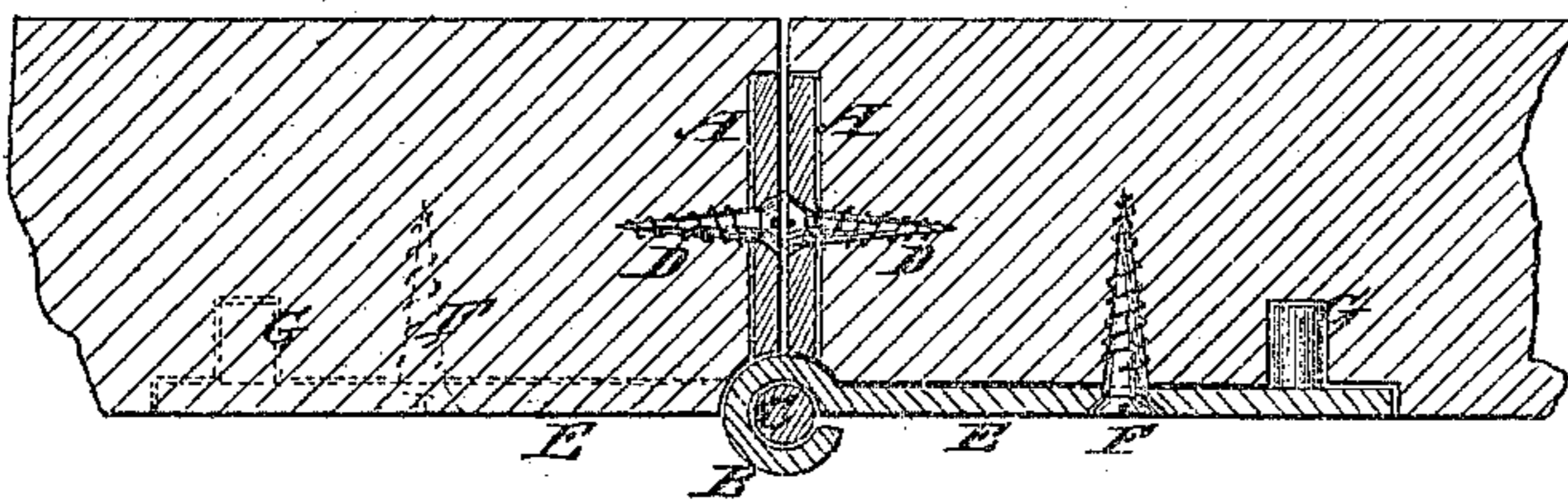


Fig. 2.



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IMPROVEMENT IN BUTT-HINGES.

Specification forming part of Letters Patent No. 134,617, dated January 7, 1873.

To all whom it may concern:

Be it known that I, ISAAC L. THOMPSON, of Sardis, in the county of Monroe and State of Ohio, have invented a new and useful Improvement in Butt-Hinges, of which the following is a specification:

The invention relates to an improvement in the class of butt-hinges provided with supporting arms or straps; and consists in constructing such arms or straps with lugs for taking into the wood and relieving the screws from strain, as hereinafter described.

In the accompanying drawing, Figure 1 is a view of the rear of the butt, showing the supporting-arms as when the butt is applied or as when in use. Fig. 2 is a cross-section of Fig. 1, taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A A represent the leaves of the ordinary butt-hinge. B is the pintle-tube. C is the pintle. The screws D with which the butt is fastened are liable to get loosened and start from the wood, especially if the butt be subjected to rough usage. To strengthen the con-

nection and render it durable under all circumstances, one or more such as arms E have been connected to the pintle, which arms are attached to the wood at about a right angle with the leaf, as represented in the drawing. This arm or strap has been heretofore secured by screws F alone. To avoid the necessity of using more than one screw for the purpose, and that of small size, so as to detract from the finished appearance of the door as little as possible, I provide the arms E with round lugs G, which enter the wood of the door and casing, as shown. They may be driven into the wood when the hinge is applied to the door, thereby saving time and labor.

I claim—

The combination, with the leaves A A and pintle C of the hinge, of the arms E provided with the lugs G, as and for the purpose specified.

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Witnesses:

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