

H. R. ROBBINS.

Stove Leg.

No. 104,771.

Patented June 28, 1870.

Fig 1

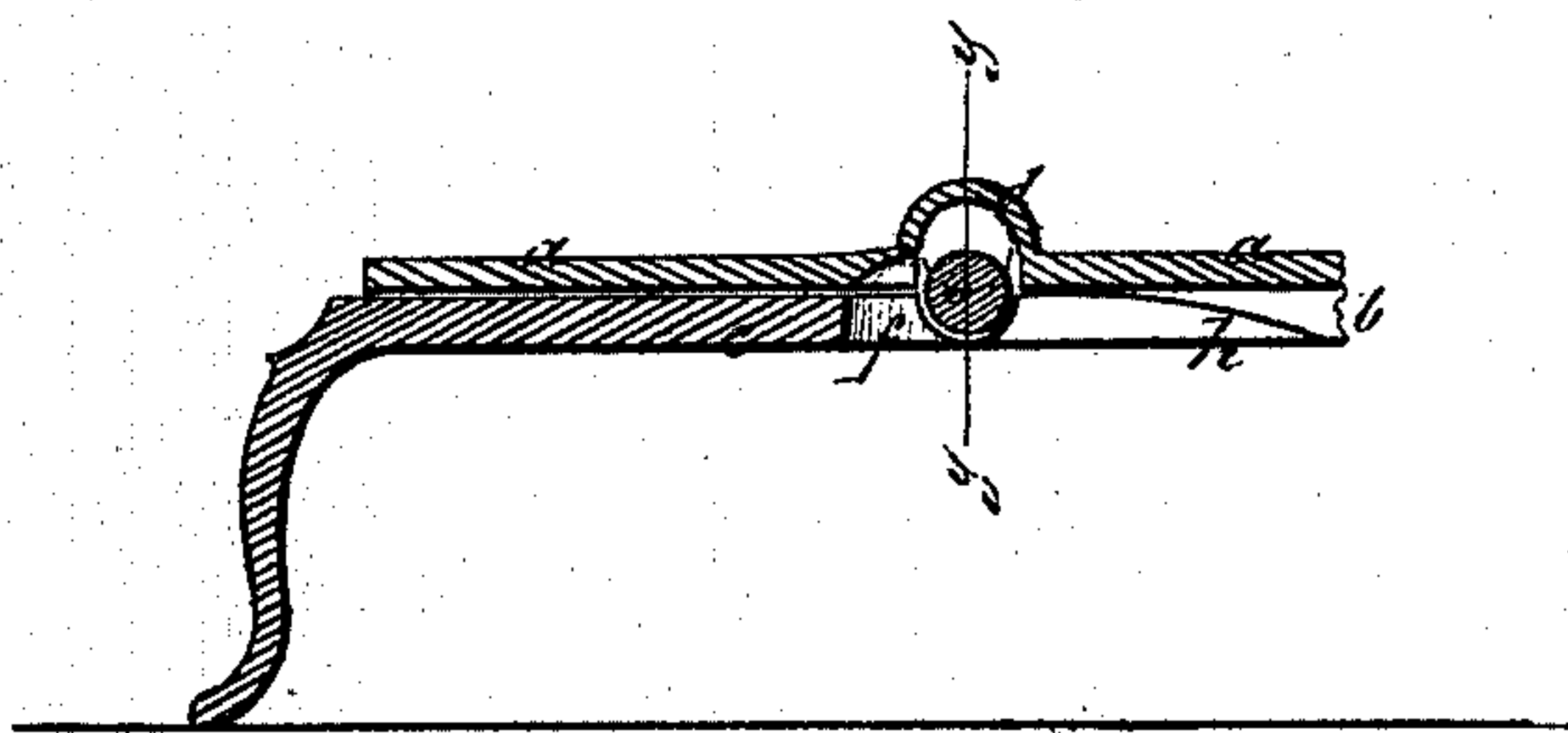
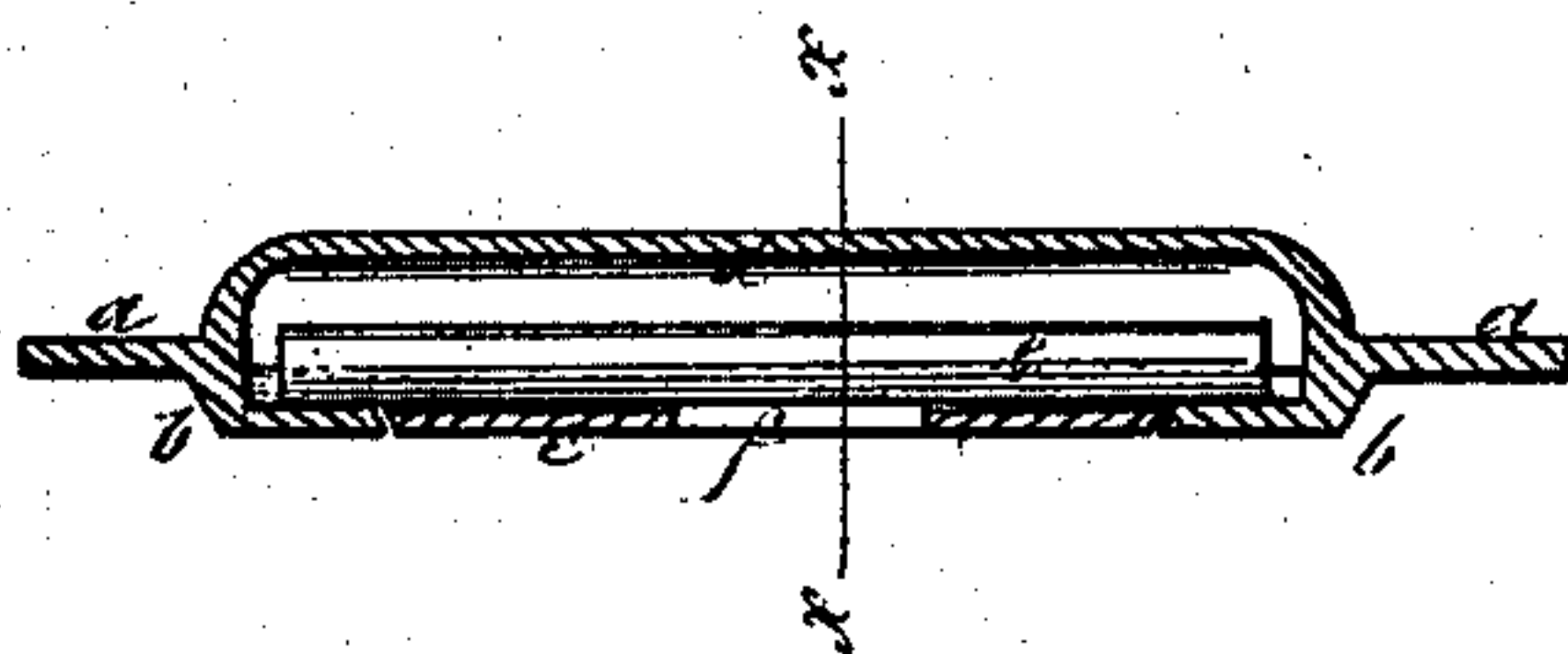


Fig 2.



Henry R. Robbins Inventor.

Witnesses
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His Attorneys.

United States Patent Office.

HENRY R. ROBBINS, OF BALTIMORE, MARYLAND.

Letters Patent No. 104,771, dated June 28, 1870.

STOVE AND FURNITURE-LEG.

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, HENRY R. ROBBINS, of the city and county of Baltimore, and State of Maryland, have invented a new and useful Improvement in Attaching Legs to Articles of Furniture, Stoves, &c.; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a sectional elevation; and

Figure 2 is a cross-section.

This invention has for its object to prevent the legs of stoves, articles of furniture, &c., from falling out when it is desirable that the same should stay in, as when the article is set up in the room, and, at the same time, to admit of the easy removal of the legs when it is desirable that they should be taken out, and of the easy replacing of the legs after having been removed.

The invention consists in the means hereinafter described for accomplishing this object.

In the drawing—

a is a section of the bottom of any article of furniture;

b b, lugs projecting downward from the same and forming a dovetailed guide-way;

c, the head of the leg, having sides beveled to correspond with the inclined sides of the lugs *b*;

d, a chamber formed in the bottom *a* crosswise of and above the guide-way, and open at its lower side;

e, a pin placed in the chamber *d*, and of such length as to be prevented from falling out, when the leg is withdrawn, by the lugs *b*, which are provided with transverse grooves communicating with the chamber *d*, into which grooves the pin *e* may fall, the head *c* being also provided with a corresponding transverse groove, which, when the head is in position in the guide-

way, forms a channel continuous with the grooves of the lugs, the pin *e* occupying which channel, locks the head and lugs together and thus prevents the head from slipping out of its guide-way, the weight of the pin causing it to fall into the grooves in the lugs and head as soon as they become continuous, and to remain therein until removed by the application of a finger.

f is a recess formed in the back of the head *c*, through which the operator's finger passes in order to dislodge the pin *e* from the grooves in the lugs and head, in order to the removal of the leg from the guide-way.

The back part *h* of the head *c* is made slanting at its upper side, in order that, when the head is shoved into the guide-way, it may pass under the pin *e* and lift it until it falls into the grooves.

Instead of the pin *e* a ball may be used, as it will answer the same purpose. In that case a hemispherical recess would have to be formed in the head and lugs instead of the grooves.

Having thus described my invention,

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

1. The bottom *a* of any article of furniture provided with the chamber *d*, in combination with the pin *e*, the grooved lugs *b*, and the grooved head *c*, in the manner and for the purpose substantially as described.

2. The head *c* provided with the recess *f*, and beveled end, *h*, substantially as and for the object specified.

To the above specification of my invention I have signed my hand this 31st day of May, A. D. 1870.

HENRY R. ROBBINS.

Witnesses:

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