

W. B. ESTABROOKS.
Elastic Tip for Chair Legs.

No. 233,843.

Patented Nov. 2, 1880.

Fig. 1.

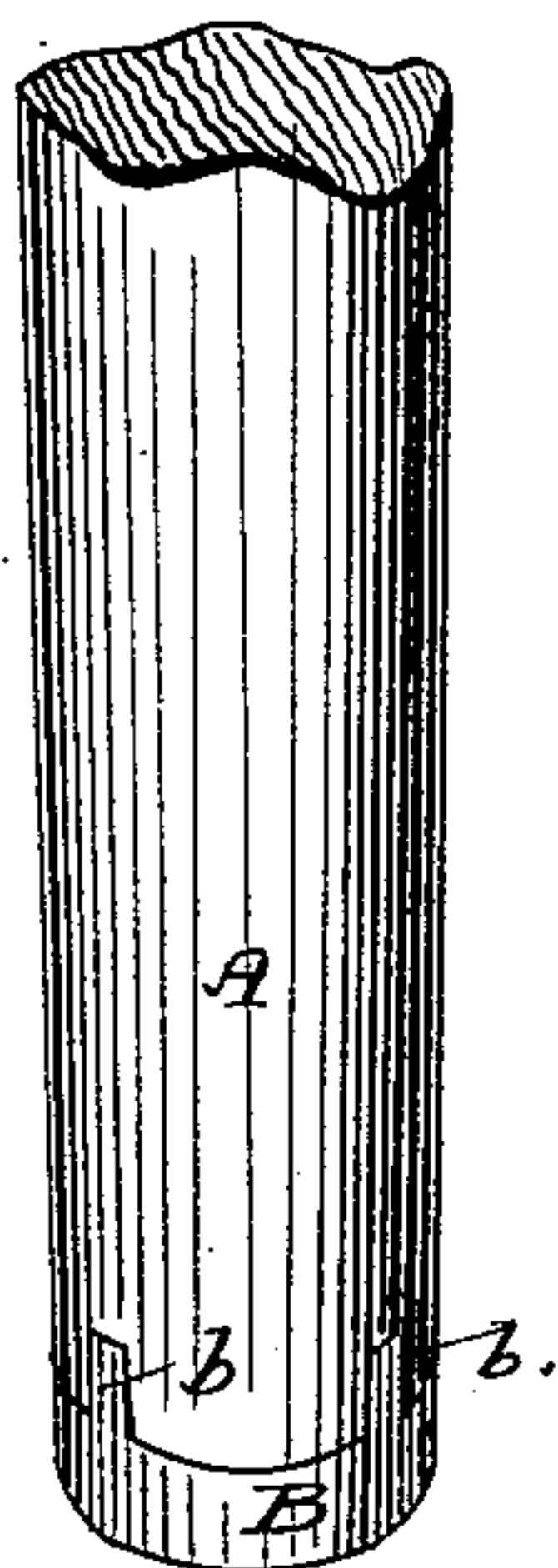
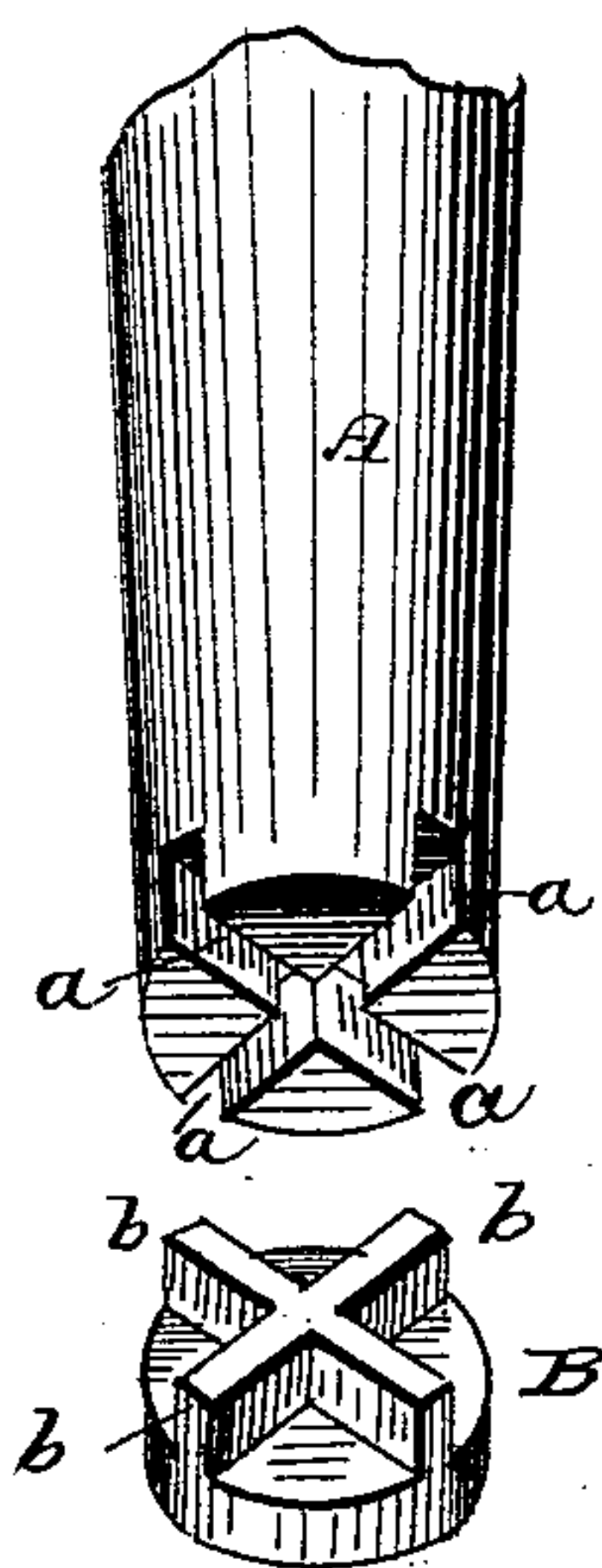


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM B. ESTABROOKS, OF EAU CLAIRE, WISCONSIN.

ELASTIC TIP FOR CHAIR-LEGS.

SPECIFICATION forming part of Letters Patent No. 233,843, dated November 2, 1880.

Application filed February 4, 1880.

To all whom it may concern:

Be it known that I, WILLIAM B. ESTABROOKS, a citizen of the United States, residing at Eau Claire, in the county of Eau Claire and State of Wisconsin, have invented certain new and useful Improvements in Elastic Tips for the Legs of Chairs and other Furniture; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification, and in which—

Figure 1 represents a perspective view of a chair-leg with the elastic tip applied thereto; Fig. 2, detached views of the leg and tip.

My invention relates to certain new and useful improvements in the class of elastic tips applied to the legs of chairs and other articles of furniture, for the purpose of obviating the wearing and tearing of carpets and the noise incident in moving articles of furniture over wooden, stone, or metallic floors, having for its object the production and attachment of elastic tips to the legs of furniture without weakening or changing the construction or contour of the legs, especially those already made and in use, while at the same time rendering the tips more firm and steady and reducing the cost in their construction as well as application; and to this end the invention consists in a novel construction and attachment of elastic tips to the legs of furniture, all as will be hereinafter fully described, and specifically pointed out in the claims.

In the drawings, A represents the leg of a chair or other article of furniture, and B the elastic tip, composed of rubber or other suitable elastic substance, having transverse cross-ribs *b* adapted to fit in corresponding angular

or transverse shallow cross-grooves *a* formed across and in the bottom of the leg, said ribs being secured therein by cement or rivets, as may be deemed expedient.

This construction of elastic tip and its attachment to the legs of furniture render it more firm and steady, on account of the fastening or cross-ribs extending entirely across the face of the tip, and obviate changing the form or contour of the legs, without weakening the legs, as is generally the case heretofore in constructing and applying elastic tips to the legs of furniture.

I am aware that a strip of rubber inserted in a plain or dovetailed groove formed in the bottom of a chair or cradle rocker, also an elastic tip having a central shank adapted to be inserted in a vertical central hole formed in the bottom of a chair-leg, are old, and such I do not wish to be understood as claiming broadly as of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the furniture-leg A, having shallow cross-grooves *a a* extending entirely across the bottom end thereof, and an elastic tip having corresponding transverse cross-ribs *b b*, adapted to be fitted and secured in said grooves, as herein shown and described.

2. As a new article of manufacture, the herein-described elastic tip for the legs of furniture, having transverse cross-ribs *b b* extending entirely across the upper surface thereof, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

WM. B. ESTABROOKS.

Witnesses:

L. M. VILAS,

C. L. SULLIVAN.