

No. 773,191.

PATENTED OCT. 25, 1904.

E. J. BUEHLER.
SLUG, QUOIN, FURNITURE, OR THE LIKE.
APPLICATION FILED APR. 19, 1904.

NO MODEL.

Fig. 1.

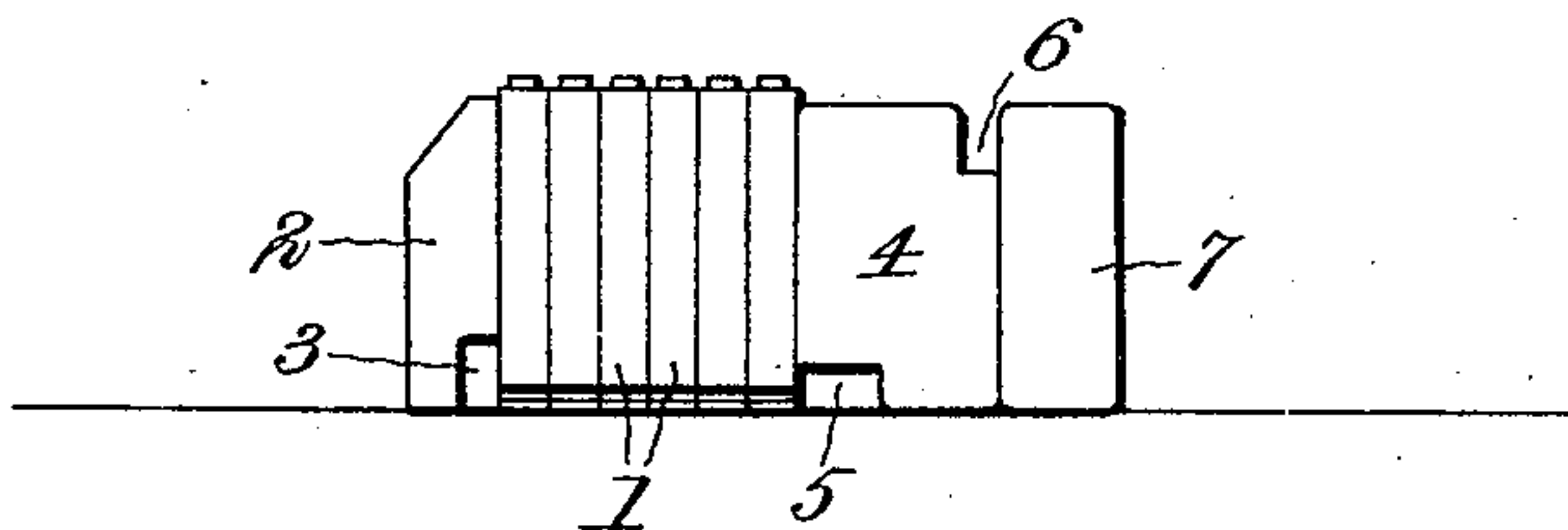


Fig. 2.

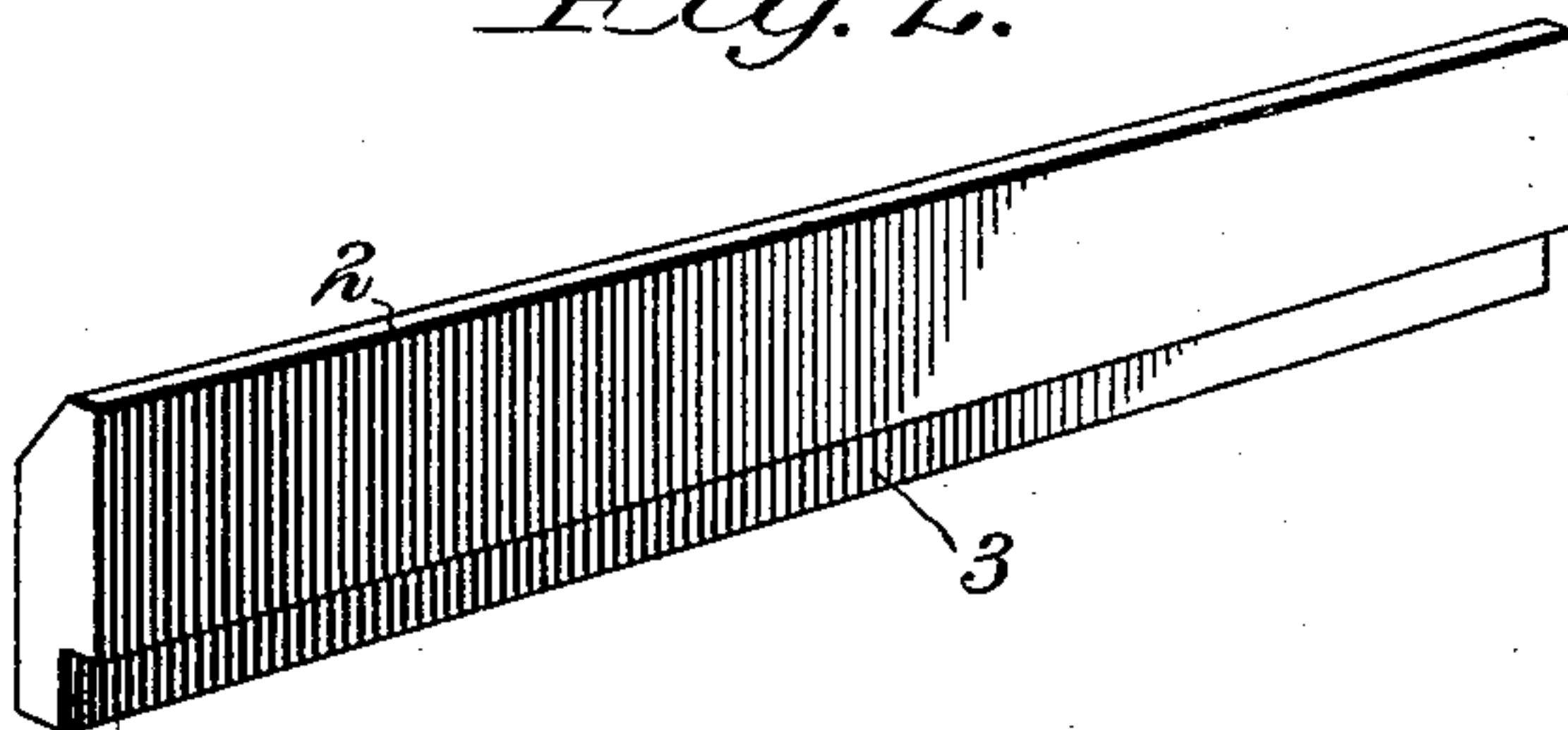


Fig. 3.

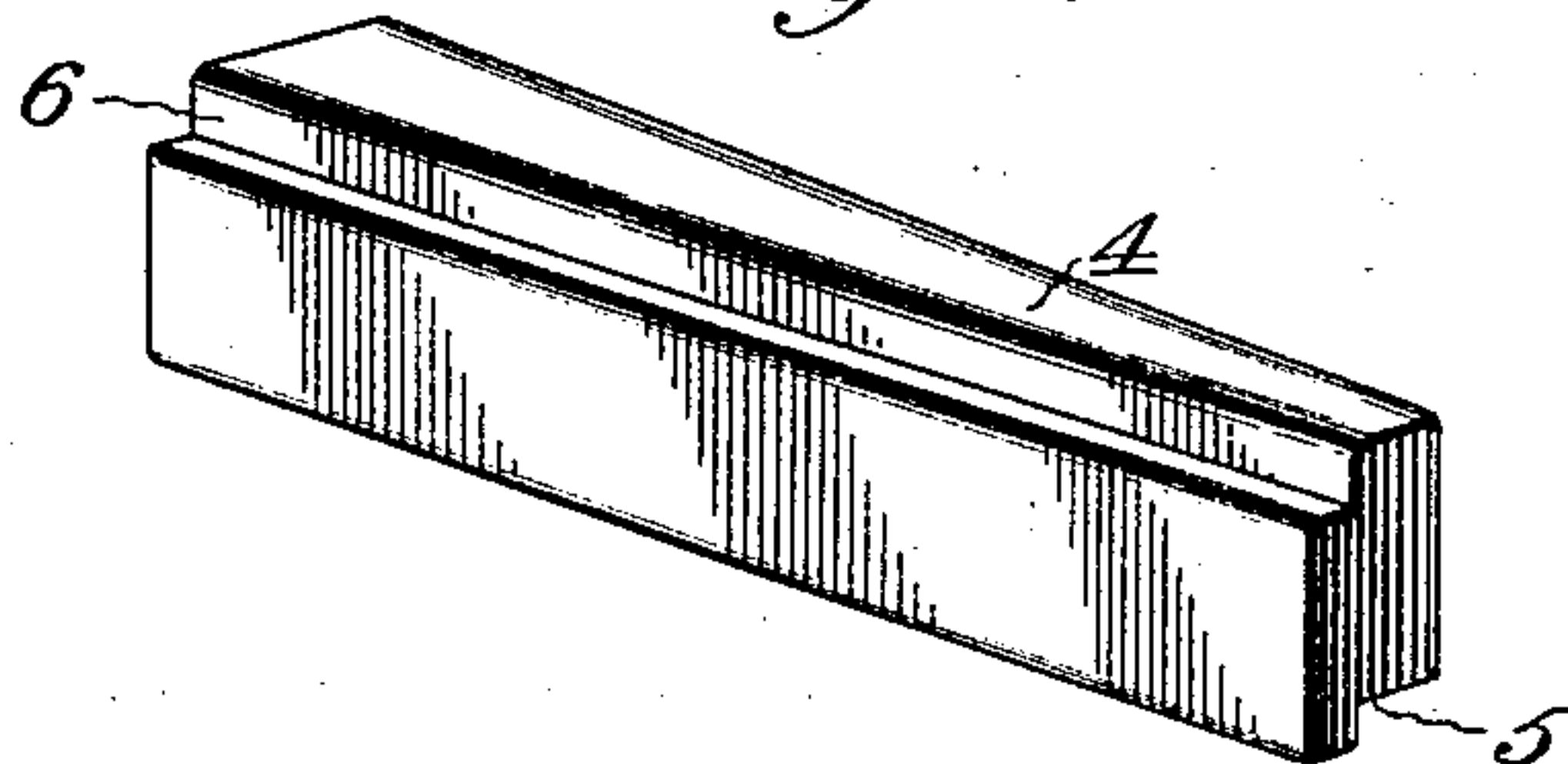
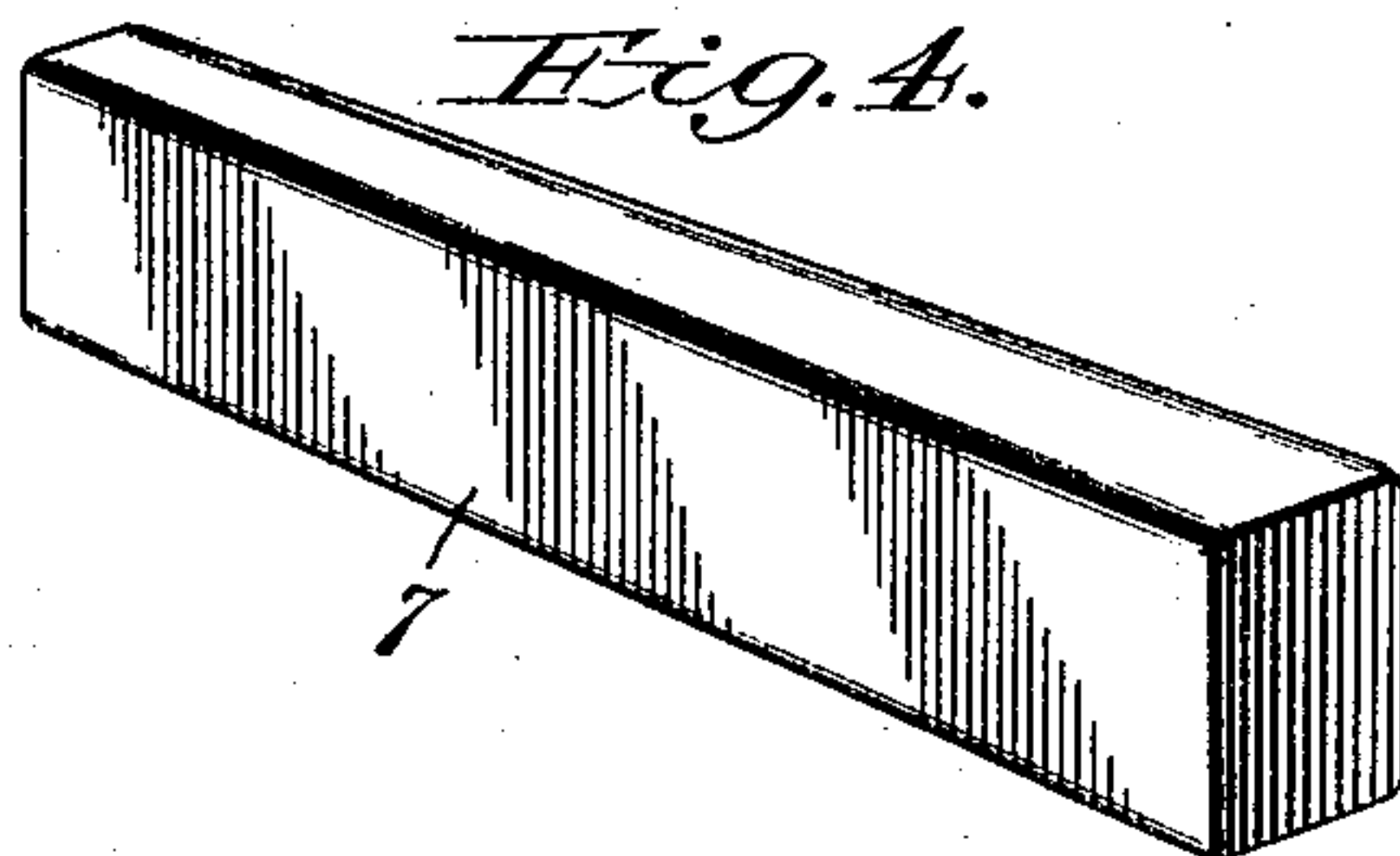


Fig. 4.



Inventor

Witnesses

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SLUG, QUOIN, FURNITURE, OR THE LIKE.

SPECIFICATION forming part of Letters Patent No. 773,191, dated October 25, 1904.

Application filed April 19, 1904. Serial No. 203,914. (No model.)

To all whom it may concern:

Be it known that I, EDWARD J. BUEHLER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Slugs, Quoins, Furniture, or the Like, of which the following is a full, clear, and exact description.

The object of this invention is to prevent linotype slugs or type-bars from "working off their feet," as this operation is commonly spoken of in printing-offices. The metal of such bars is more solid next the type-bearing face, and in the use of quoins and foot-slugs and the like in locking up the type-bars in forms the softer part of the metal has a tendency to yield against pressure, with the result that the type-bars get out of alinement or "work off their feet."

The invention consists in quoins, foot-slugs, and similar devices used in locking up the type-bars in a form provided with a rabbet at the bottom to come opposite the lower or softer portion of the linotype slugs or type-bars, and thereby to throw the pressure upon the upper or harder metal of such slugs or bars, and so prevent them from working off their feet.

The invention is applicable to quoins, foot-slugs, furniture, and the like for stereotype and other chases; but for purpose of illustration I have shown the invention herein as applied only to quoins and foot-slugs.

In the accompanying drawings, illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is an end view of several linotype slugs or type-bars in position between a foot-slug and a quoin constructed in accordance with the invention. Fig. 2 is a perspective view of the

foot-slug. Fig. 3 is a perspective view of the quoin. Fig. 4 is a perspective view of a plain wedge-quin.

The linotype slugs or type-bars 1 may be of any usual construction. The foot-slug 2 of metal has its lower edge which comes next the type-bar provided with a rabbet 3. The quoin 4 has at diagonal edges the rabbets 5 and 6, one made to run transversely and the other to run vertically as to depth, although the form of the rabbet and its arrangement may be changed at pleasure. 7 is an ordinary wedge-shaped quoin. As shown in Fig. 1, the rabbeted portions of the foot-slug and of the quoin come next the bottoms or feet of the type-bars and adjacent the softer metal of which they are composed, while the solid and unrabbeted faces bear against the upper or more solid portions of the type-bars, and thus the pressure when locked up in a form is taken off of the feet of the type-bars and put upon their upper or harder surfaces, and consequently the tendency of the type-bars to work off their feet is obviated.

In the use of the term "quoin" in the claim I mean not to limit the invention to "quoins" technically so called, but to devices having similar or analogous functions in the printers' art.

What I claim is—

A quoin, having a rabbet in its edge next the foot of the type or type-bar so as to take pressure off of the said type or type-bar at the foot.

In testimony whereof I have hereunto set my hand this 2d day of July, A. D. 1903.

EDWARD J. BUEHLER.

Witnesses:

C. E. FRANCIS,
LILLIAN MANCHER.