

(No Model.)

R. G. S. AUSTIN.
Hoe.

No. 232,916.

Patented Oct. 5, 1880.

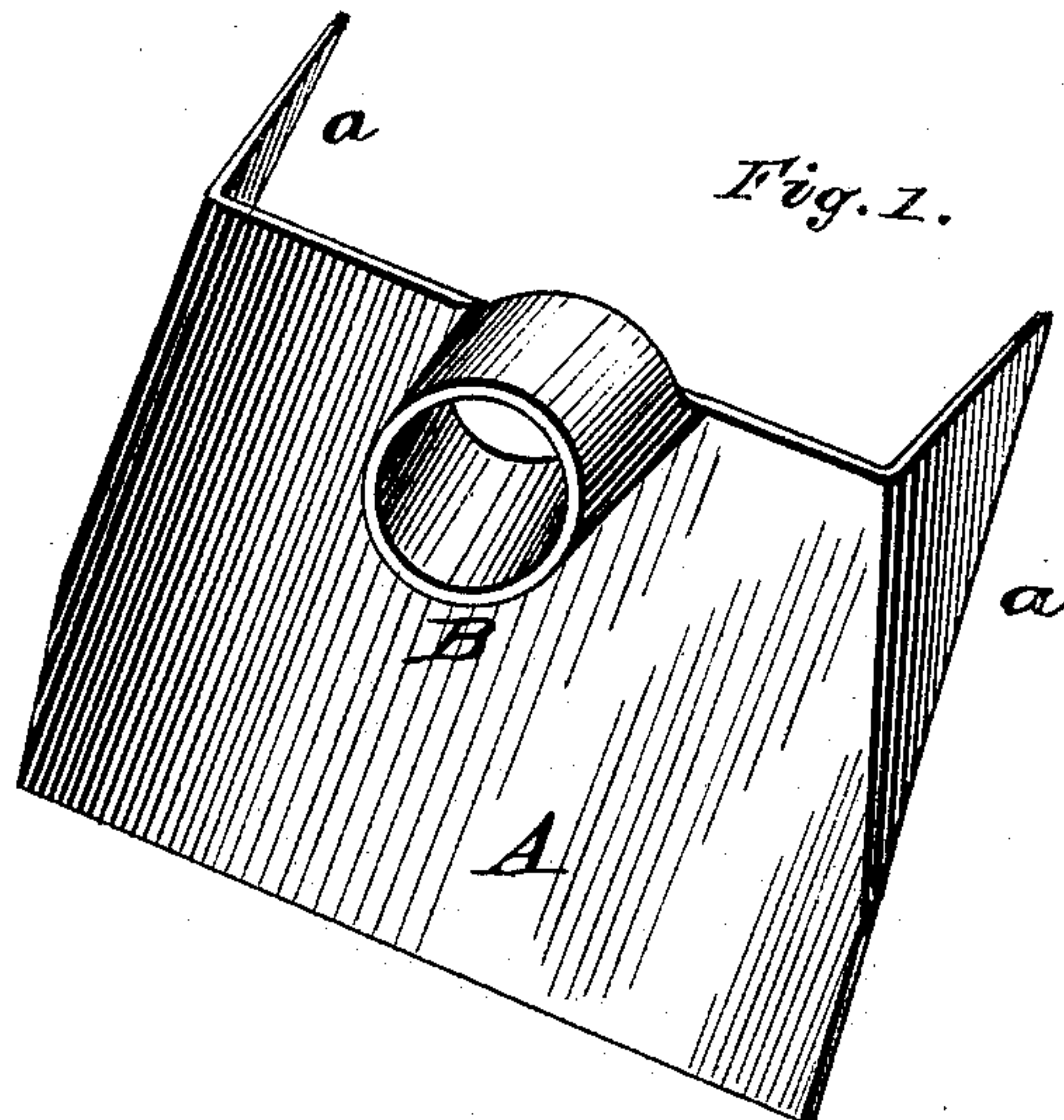


Fig. 2.

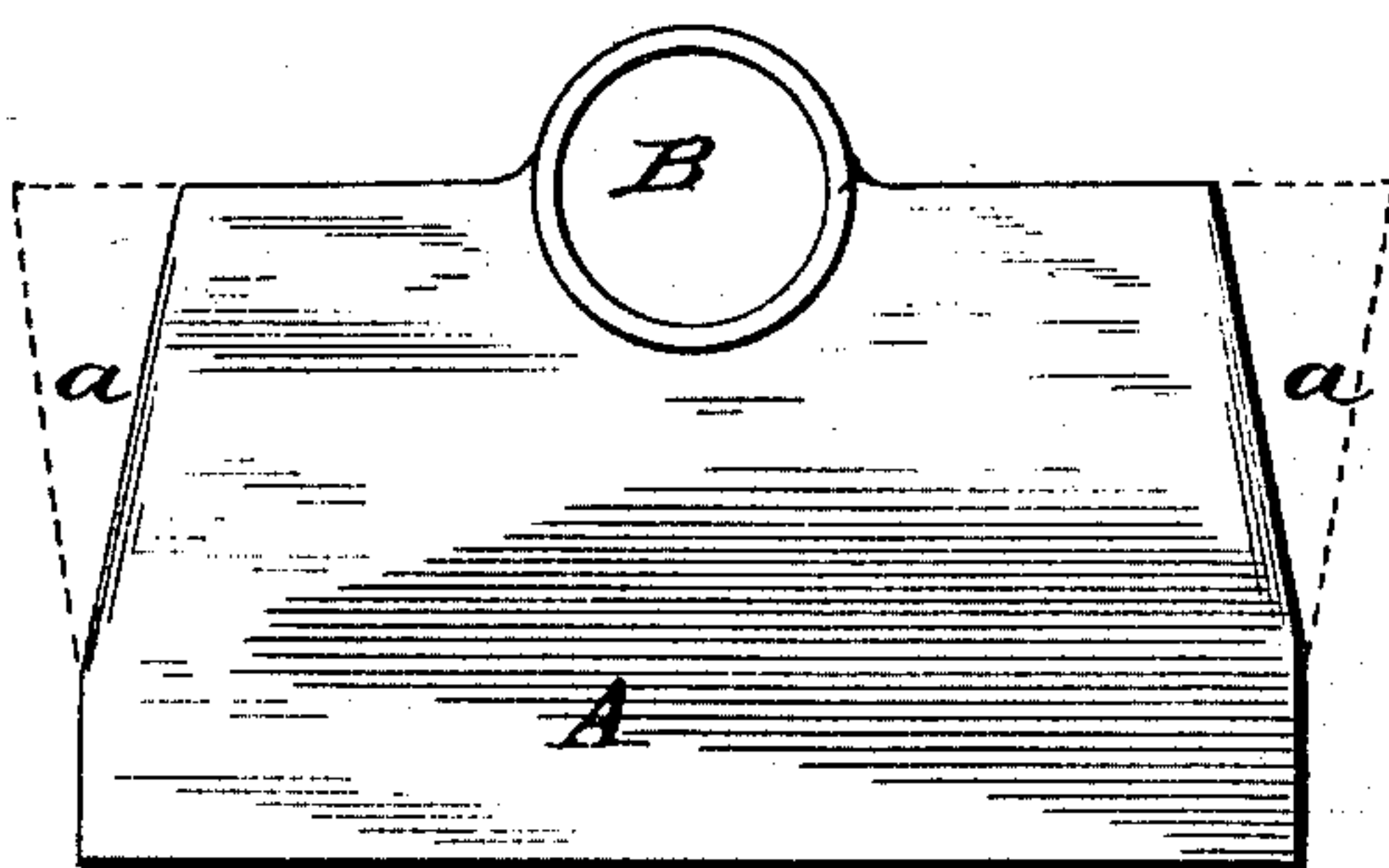


Fig. 3.

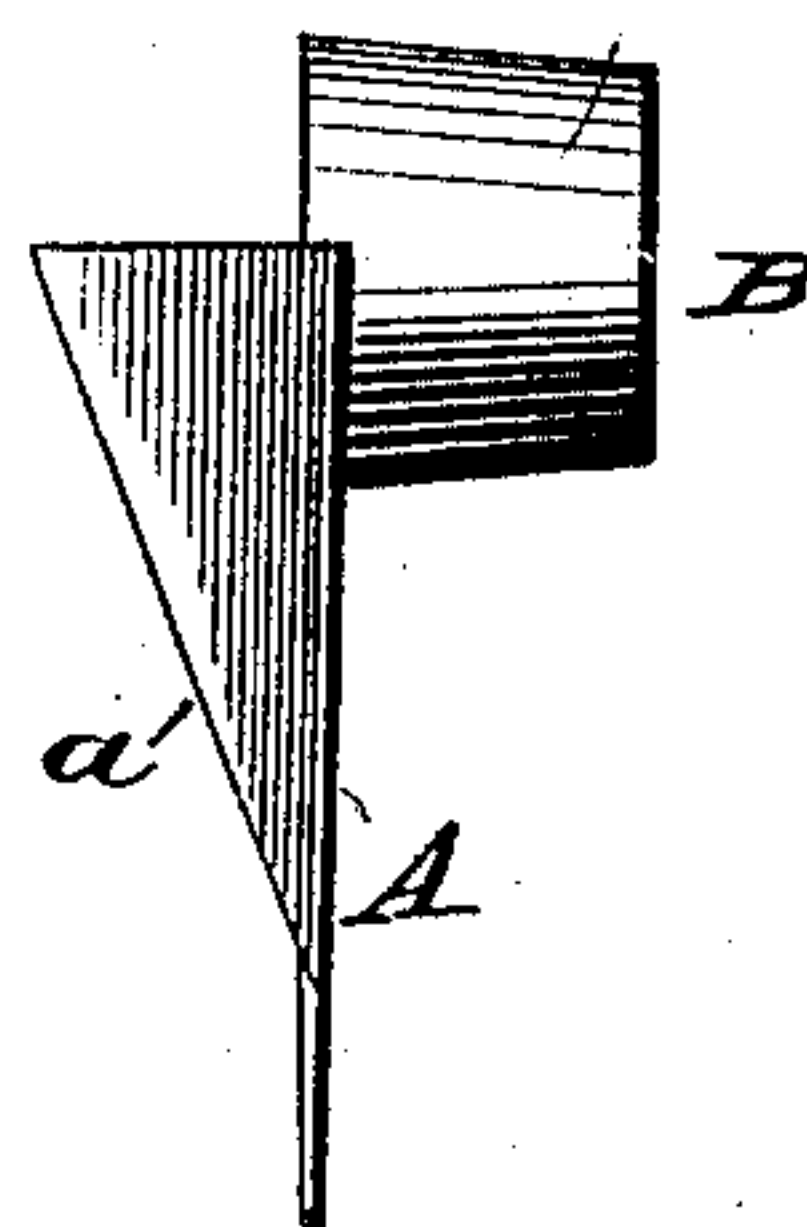
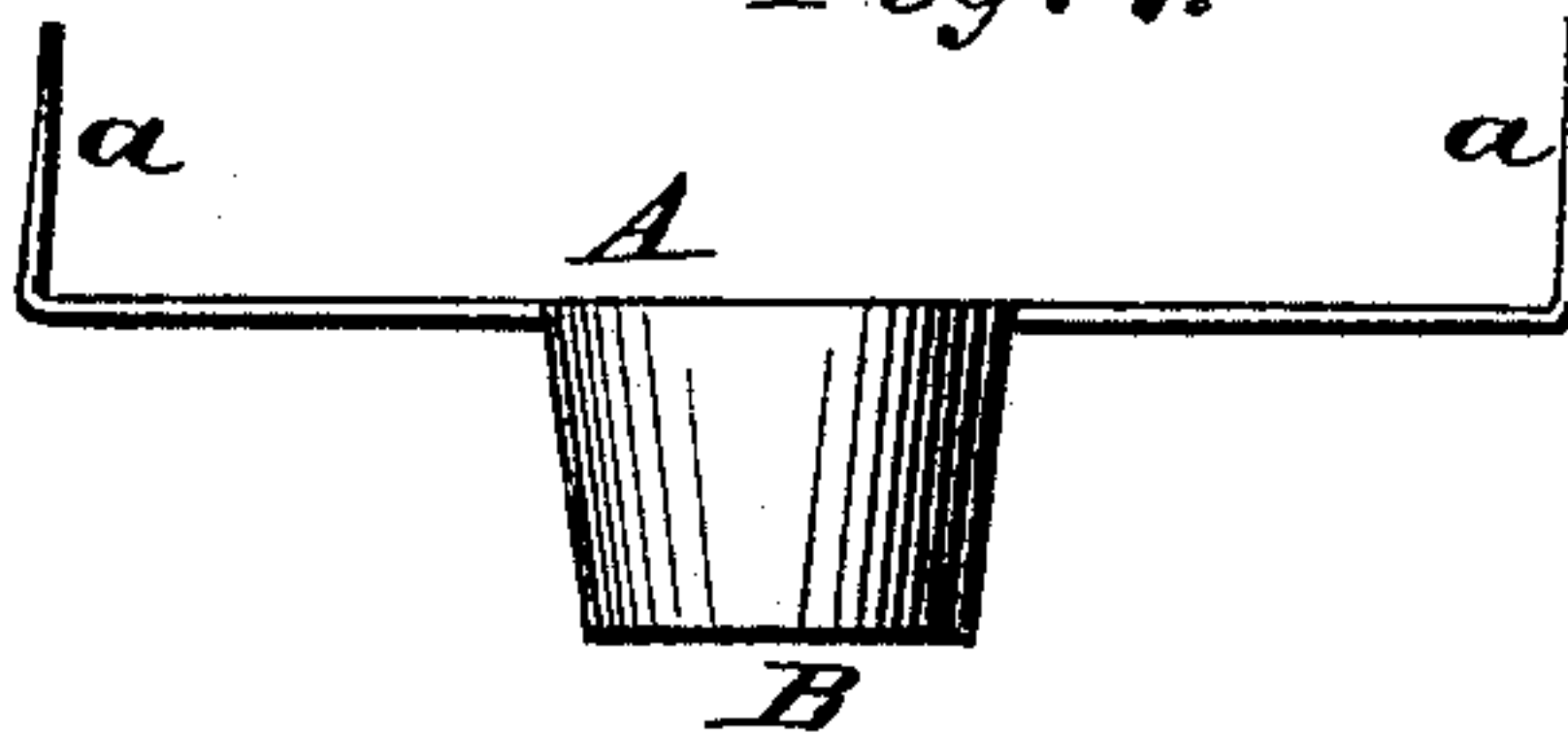


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

RICHARD G. S. AUSTIN, OF PINE BLUFF, ARKANSAS.

HOE.

SPECIFICATION forming part of Letters Patent No. 232,916, dated October 5, 1880.

Application filed August 17, 1880. (No model.)

To all whom it may concern:

Be it known that I, RICHARD G. S. AUSTIN, of Pine Bluff, in the county of Jefferson and State of Arkansas, have invented certain new and useful Improvements in Hoes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain improvements in hoes; and it consists in the construction and arrangement of parts, as will be hereinafter more fully set forth.

In the annexed drawings, Figure 1 is a perspective view, Fig. 2 is a front view, Fig. 3 is a side elevation, and Fig. 4 is a plan view, of a device embodying my invention.

A represents the blade of a hoe of the ordinary construction, and provided with the eye B, attached to said blade in any suitable manner. The upper edges of the blade are bent forward, forming a flange, *a*, which tapers from top to bottom, said flange having a sharp cutting-edge.

The advantages of this construction are that in hoeing cotton, &c., when working in a row on one side, it often becomes necessary to break a clod of dirt or cut weeds and grass in the op-

posite side. The handle being too short to admit of breaking it by an inward stroke, the operator is either compelled to step out of his position or to break the clod or cut the weeds or grass by repeated forward strokes with the face of the blade, consuming considerable time, entailing more labor, and in the end but ineffectually accomplishing the work. By this arrangement of placing the sharpened flanges upon the face of the blade the work may be readily done by a forward motion of the same without necessitating the operator changing his position.

The flange also furnishes additional strength to the blade, rendering it less liable to bend or break.

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

As a new article of manufacture, the blade A, having suitable eye B, for the reception of a handle, and provided upon its forward face and at right angles thereto with tapering flanges *a*, having cutting-edges, substantially as described and set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

R. G. S. AUSTIN.

Witnesses:

M. A. AUSTIN,
C. H. OWENS.