

(No Model.)

C. AMAZEEN.

Cutting Disk for Leather Skiving Machines.

No. 241,178.

Patented May 10, 1881.

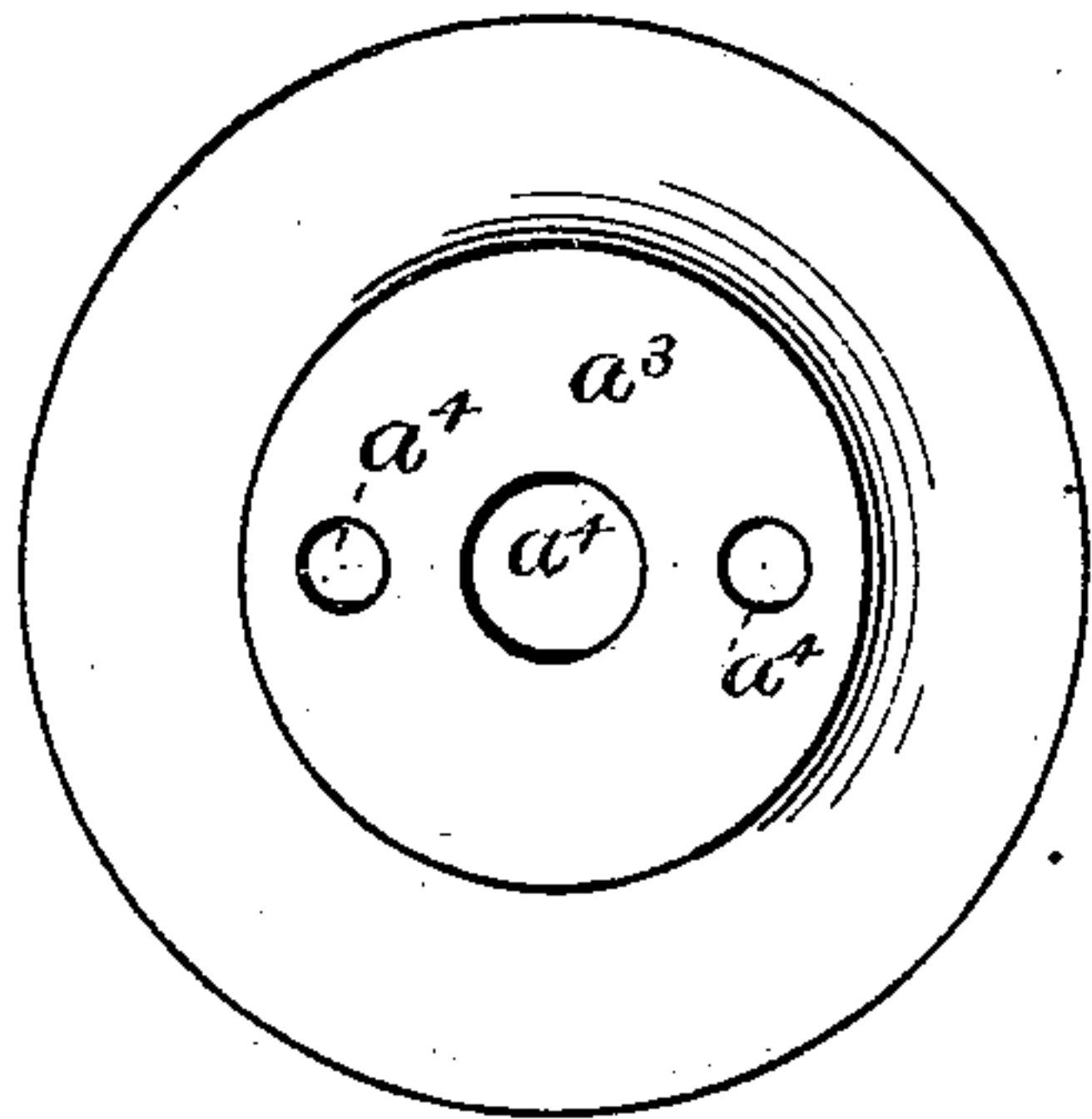


Fig. 1.



Fig. 2.

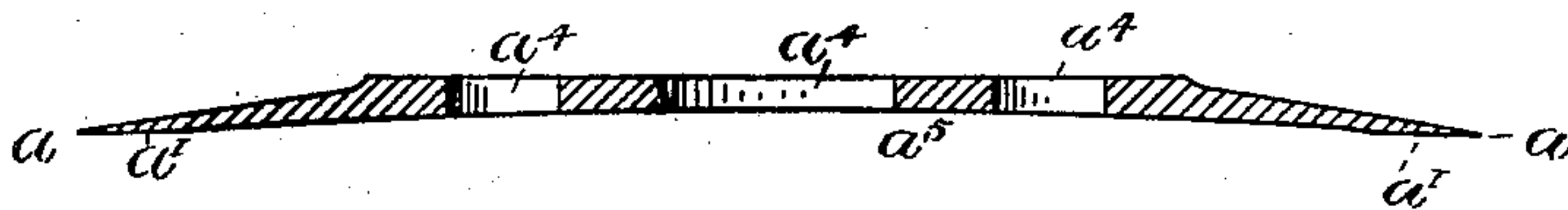


Fig. 3.

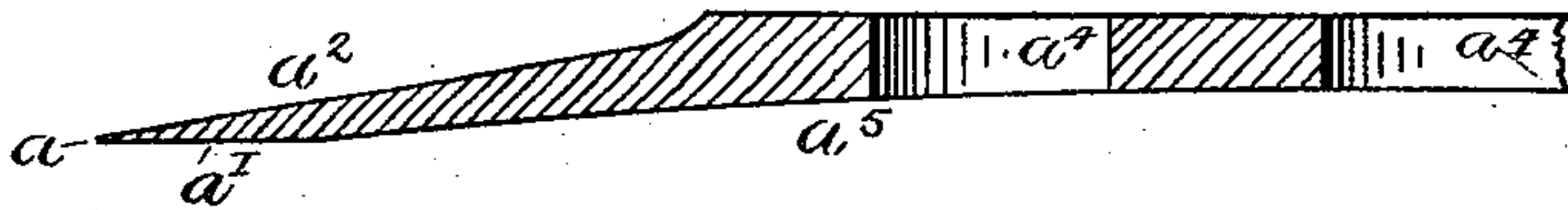


Fig. 4.

WITNESSES

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CHRISTOPHER AMAZEEN, OF BOSTON, MASSACHUSETTS.

CUTTING-DISK FOR LEATHER-SKIVING MACHINES.

SPECIFICATION forming part of Letters Patent No. 241,178, dated May 10, 1881.

Application filed August 2, 1880 (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER AMAZEEN, of Boston, in the county of Suffolk and Commonwealth of Massachusetts, a citizen of the United States, have made a new and useful Improvement in Cutting-Disks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature, in which—

Figure 1 is a plan of the disk; Fig. 2, a side elevation; Fig. 3, a cross-section. Fig. 4 is a view illustrating in cross-section a portion of the disk enlarged.

The cutting-disk herein described is adapted for use in skiving the edge of thin vamps or upper-leather of a flexible nature, like French kid, and a cutting-disk for this purpose must have a very long and thin blade with a long bevel upon the upper portion, and the lower portion plane or level near the cutting-edge and concave within the plane portion. A disk having a cutting-edge formed by a short bevel on one side will not answer for this purpose.

a represents the cutting-edge of the disk.

a' is the plane under portion of the disk, and a^2 is the concave portion, which comprises the central part of the disk within the plane or level portion a' .

a^3 is the long bevel, which may or may not be slightly concave, and which, together with the plane portion a' , forms a long thin cutting-edge.

a^4 represents a plane portion on the upper surface of the disk; a^5 , the pin and bolt holes.

By providing the disk with the plane or level portion a' between the concave portion a^2 and the cutting-edge, I am enabled to sharpen it easily and to obtain a true edge, as the plane portion acts to provide a uniform bearing on the grinding-wheel, whereas if the concave portion extended to the extreme edge of the disk the true edge could not be so easily obtained, and there would be great liability of grinding it untrue on account of the very narrow portion that would bear upon the grinding-wheel.

Having thus fully described my invention, I claim and desire to secure by Letters Patent of the United States—

A cutting-disk having the concave portion a^2 and the plane or level portion a' upon one side and the long bevel a^3 and the plane portion a^4 upon the other side, substantially as and for the purposes described.

CHRISTOPHER AMAZEEN.

Witnesses:

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