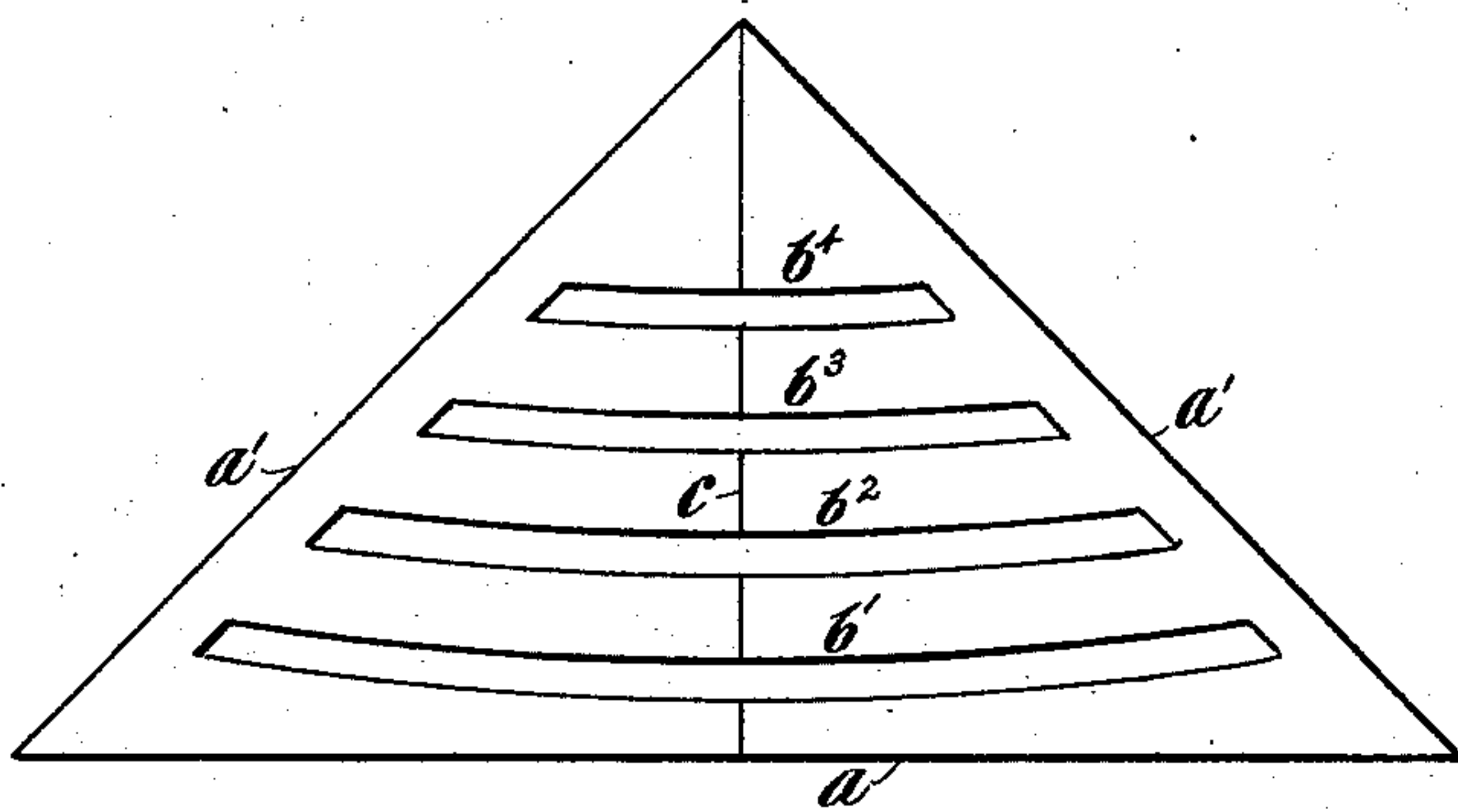


(No Model.)

H. I. LATIMER.
DRAFTSMAN'S TRIANGLE.

No. 365,479.

Patented June 28, 1887.



Witnesses

Geo. Wadman
M. J. Roach.

Inventor
Harry I. Latimer,
by his Attorneys,
Gifford & Brown

UNITED STATES PATENT OFFICE.

HARRY I. LATIMER, OF CRANFORD, NEW JERSEY, ASSIGNOR OF ONE-HALF
TO EDWARD G. SOLTMANN, OF NEW YORK, N. Y.

DRAFTSMAN'S TRIANGLE.

SPECIFICATION forming part of Letters Patent No. 365,479, dated June 28, 1887.

Application filed October 5, 1886. Serial No. 215,573. (No model.)

To all whom it may concern:

Be it known that I, HARRY I. LATIMER, of Cranford, in the county of Union and State of New Jersey, have invented a certain new and
5 useful Improvement in Draftsmen's Triangles, of which the following is a specification.

My improvement consists in a draftsman's triangle having a straight edge and provided with curves extending between the sides of
10 the triangle.

The accompanying drawing illustrates a draftsman's triangle embodying my improvement.

The triangle shown in the figure of drawing
15 has a base, a , and two sides, a' , which are severally disposed at an angle of forty-five degrees to the base. Four slot-curves, b' b^2 b^3 b^4 , extend between the sides a' of the triangle. These curves are adjacent to each other and
20 are continuous curves, or, in other words, each is an arc of a circle. They are curves struck from different radii and extend upon both sides of their centers to points adjacent to two sides of the triangle. Coincidentally with
25 the radii a line, c , is shown as marked on the triangle. This line is at right angles to the base a of the triangle. It bisects the triangle,

and hence extends to the point or angle formed by the meeting of the sides a' . The line indicates the center of the curves, and hence is
30 useful. The chords of the curves would be parallel with the base a . By placing the triangle with its base a against the lower edge of a T-square arches and other arc lines having
35 the ends extending downwardly may be ruled by means of the curves. If the triangle be placed with its base against the upper edge of a T-square reversely-arranged arches and other arcs may be made.

What I claim as my invention, and desire to
40 secure by Letters Patent, is—

A draftsman's triangle having a number of continuous slot-curves of different radii, said slot-curves being arranged adjacent to each
45 other and extending upon both sides of the centers of the curves to points adjacent to two sides of the triangle and in such position that the chords will be parallel with one side of the triangle, substantially as specified.

HARRY I. LATIMER.

Witnesses:

JOHN WATERHOUSE,
JNO. M. VANCLIEF.