

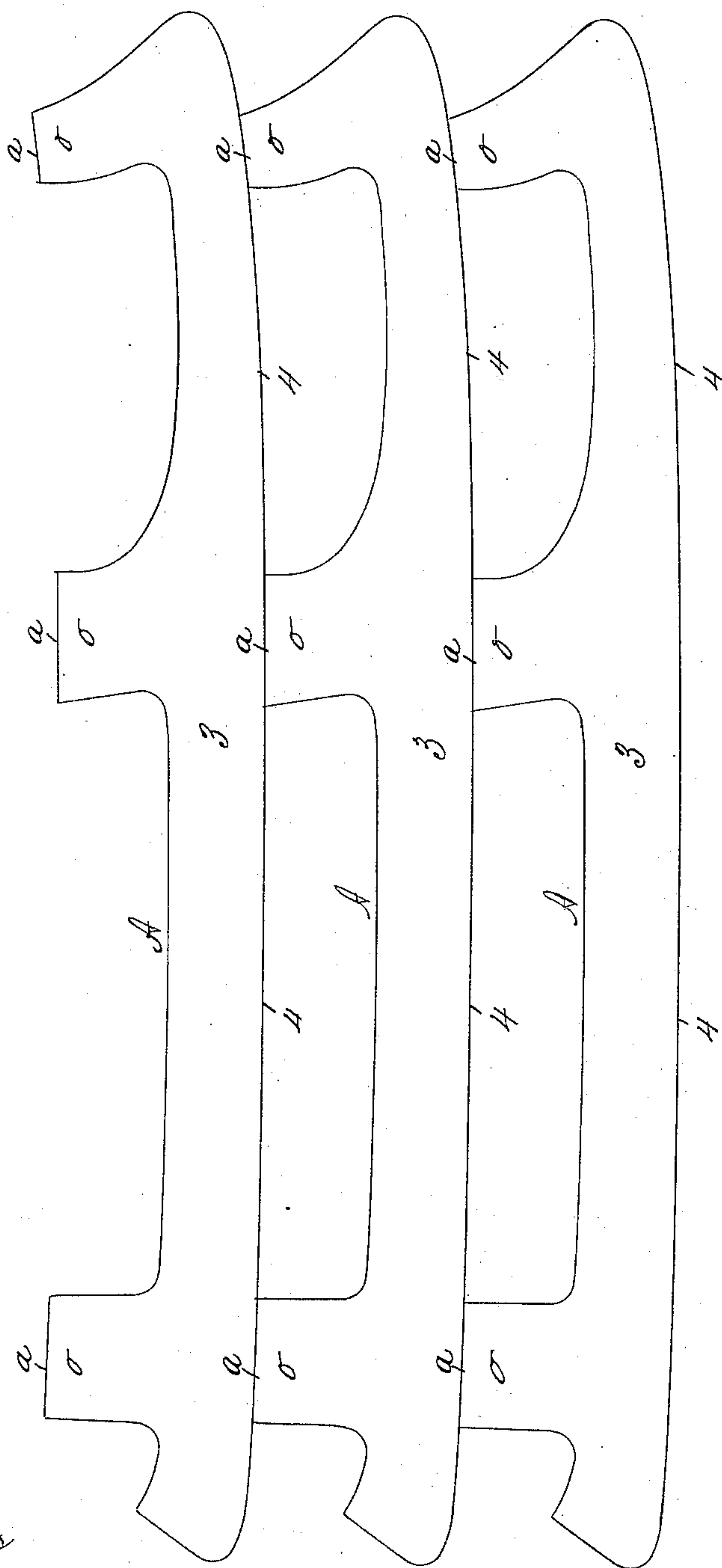
(No Model.)

E. H. BARNEY.

SKATE RUNNER BLANK.

No. 378,488.

Patented Feb. 28, 1888.



Witnesses
Wm H Chapin
G. M. Chamberlain

Inventor
Everett H Barney

By his Attorneys *Chapin & Co*

UNITED STATES PATENT OFFICE.

EVERETT H. BARNEY, OF SPRINGFIELD, MASSACHUSETTS.

SKATE-RUNNER BLANK.

SPECIFICATION forming part of Letters Patent No. 378,488, dated February 28, 1888.

Application filed December 1, 1887. Serial No. 256,598. (No model.)

To all whom it may concern:

Be it known that I, EVERETT H. BARNEY, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Skate-Runners, of which the following is a specification.

This invention relates to skates, and pertains to improvements in the construction of skate-runner blanks, the object being to provide a blank for the above-named purpose constructed with each standard thereof of an equal height from the lower or bearing edge thereof, whereby uniformity of shape in the skates made therefrom and greater economy in the manufacture thereof are attained.

The drawing forming part of this specification illustrates several skate-runner blanks embodying my invention, said blanks being shown in side elevation.

In the manufacture of skate-runner blanks as heretofore practiced it has not been customary to give particular attention to the uniformity of the length of the standards thereof, measuring from the tread or lower edge of the blank; but in manufacturing skates in large quantities, which embody in their construction runners made from metal sheets by punching, it is found that by making said runner-standards of uniform height from said tread, so that when several blanks are placed one above the other edgewise, as shown in the drawing, the tread-line of the blank conforms to the united lines of the extremities of the standards. As there shown, said blanks can be produced from said metal sheets with much less loss of punched scrap than when said blanks are made regardless of the uniform length of said standards, and to avoid the said loss of metal and produce skates of greater uniformity in shape said blanks are made as herein described and shown.

In the drawing, A indicates the skate-runner blank, of which 3 is the blade and o are the standards. In manufacturing said blanks by punching from sheet metal, as above referred to, a strip of metal is prepared having a width equal to the extreme length that the blank is to be, and a suitable punch and die are made to produce said blank so formed as to cut the bottom or tread line, 4, of the blank and the line a of the ends of the standards o at uniform distances of separation, thereby leaving all of the standards of equal length, whereby are produced blanks having the characteristics shown in the drawing.

One result of making the standards o of uniform height, as above described, is that the blanks can be punched from the strip so closely side by side that great waste in punching is avoided and the above referred to uniformity in the shape of skates embodying runners made from said blanks is attained.

The said skate-blanks, after having been punched from the sheet metal, as above described, are finished by grinding and polishing in the usual way, and prepared for the reception of the heel and sole plates and suitable skate-fastenings.

What I claim as my invention is—

As an improved article of manufacture, a skate-runner blank having the bottom or tread line, 4, thereof and the lines a of the ends of the standards o at uniform distances of separation, whereby said standards are made of equal height from said tread-line, substantially as set forth.

EVERETT H. BARNEY.

Witnesses:

H. A. CHAPIN,
G. M. CHAMBERLAIN.