

(No Model.)

G. W. KIRCHHÖFFER.
Barbed Metallic Fencing.

No. 238,296.

Patented March 1, 1881.

Fig. 1.

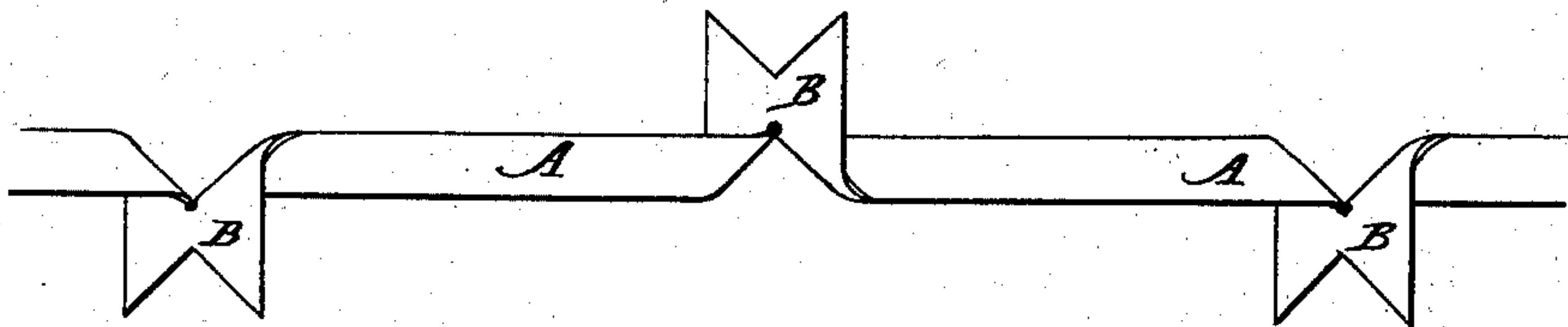


Fig. 2.

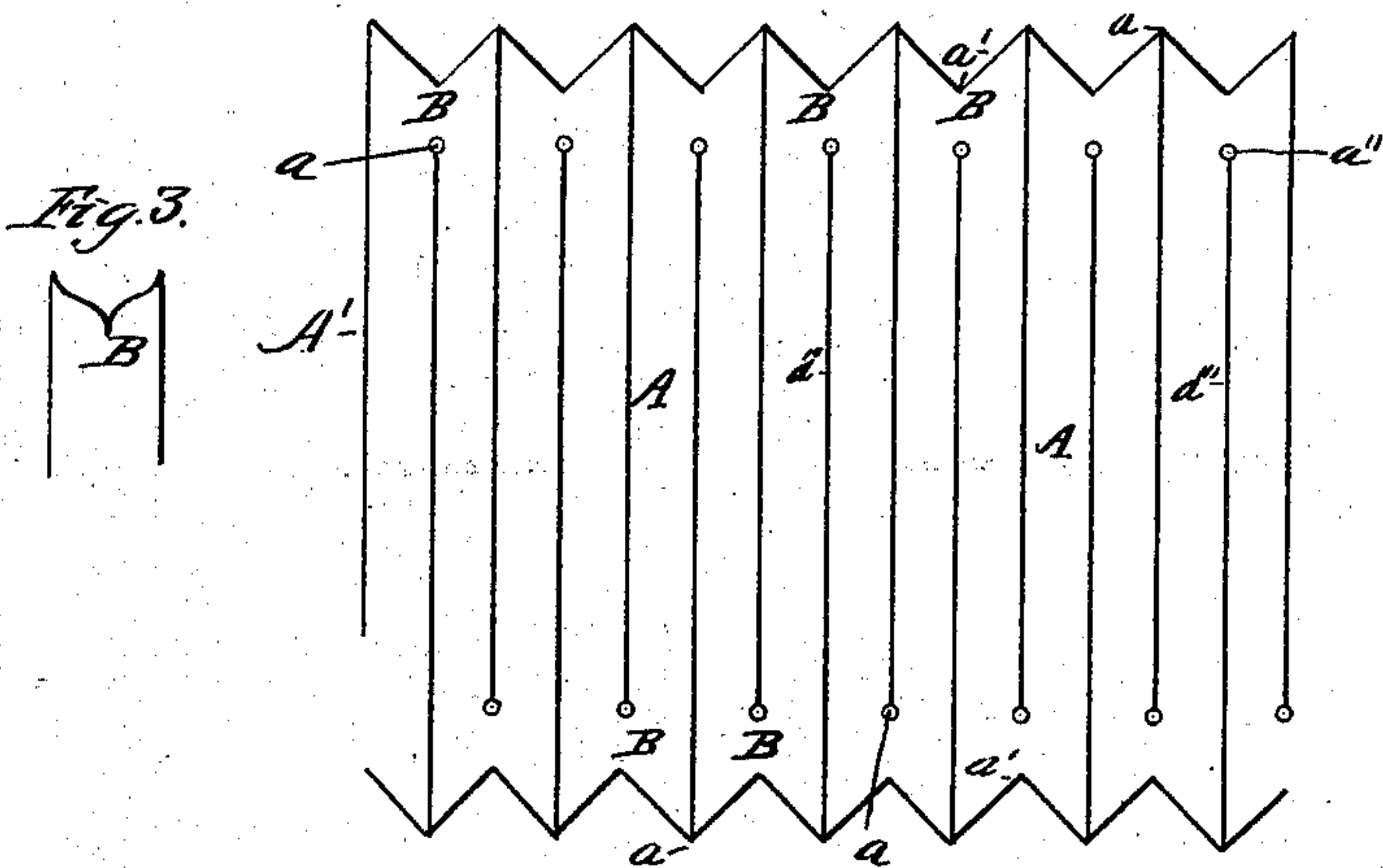
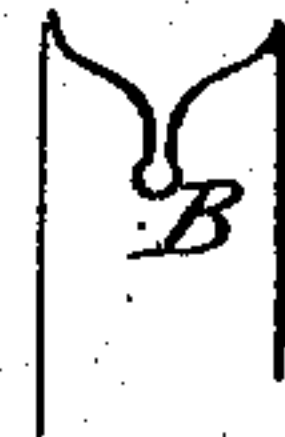


Fig. 3.



Fig. 4.



WITNESSES.

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GEORGE W. KIRCHHÖFFER, OF CHICAGO, ILLINOIS.

BARBED METALLIC FENCING.

SPECIFICATION forming part of Letters Patent No. 238,296, dated March 1, 1881.

Application filed December 16, 1880. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. KIRCHHÖFFER, of Chicago, in the county of Cook, of the State of Illinois, have invented a new and useful Improvement in Barbed Metallic Fencing, of which the following is a specification, reference being had to the annexed drawings and the letters and figures marked thereon, forming a part thereof, which will enable others to make and use the same.

My invention pertains to a barbed metallic fencing, the novelty of which consists in the peculiar continuous strip of fencing provided at intervals with barbs which project laterally and alternately beyond the edges of the strips, the whole being integrally connected and made out of sheets, plates, or bands of iron, steel, or other suitable metal, substantially as hereinafter specified.

In the drawings, Figure 1 is a plan view of my fencing. Fig. 2 is a like view of a section of a sheet or plate of metal, showing the mode of cutting said fencing therefrom, and Figs. 3 and 4 are variations in the shape of the barbs.

My invention consists of a fencing-strip composed of strips or sections A and a series of barbs, B, projecting alternately beyond the opposite edges of the strips A, the whole being integrally connected and made of plates or bands of steel, iron, or other suitable metal. Said plates or bands may be of any suitable length, but their width must be according to the multiplicity of barbs desirable. These plates or bands may be cut from sheets of metal, and, in order to prevent waste of material, should be at the same time provided with the necessary cuts or notches and points on their longitudinal edges of any angle or curve, as desired, for use or ornament, to form the points of the barbs B, as shown in Figs. 1 and 2, and their ornamentations, as shown in Figs. 3 and 4; but the points of the barbs B may be multiplied and varied in size and shape at pleasure.

The plate or band A', Fig. 2, properly shaped and sized, is cut alternately from the two opposite edges, commencing either at angles a' or at points a , and terminating as near as desirable to the opposite points a or angles a' of the barbs B, preferably in a curve or eyelet, the lines a'' indicating the incisions which divide the plate or band A' into strips or sections A, consecutively connected at alternate ends. The strips or sections A, as shown in Fig. 1, are bent or folded over in opposite directions upon themselves at the base of the barbs B, said bars projecting alternately beyond the opposite edge and at right angle to the line of the strips or sections A, in this manner forming the integrally-connected fencing-strip.

If, in the plate or band A', as shown in Fig. 2 of the drawings, the incisions are made from the points a and terminate in the direction of angles a' , the barbs B, as shown in Figs. 1, 3, and 4, will have two points each; but if the incisions are made from a' in the direction of a , the barbs B will have only one point each, in this case resembling a picket-fence.

In order to combine beauty of design with usefulness, the number and shape of points of the barbs B should always be in conformity to the width of strips or sections A.

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

A barbed metallic fencing consisting of sections A and barbs B, constructed, cut, and bent precisely as shown and described, and for the purpose set forth.

In witness whereof I have hereunto set my hand this 13th day of December, A. D. 1880.

GEORGE W. KIRCHHÖFFER.

Witnesses:

DANIEL STONER,
GEORGE H. EDWARDS.