

B. G. DEVOE.
Iron Fences.

No. 151,574.

Patented June 2, 1874.

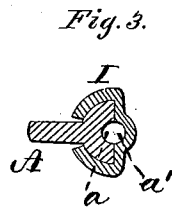
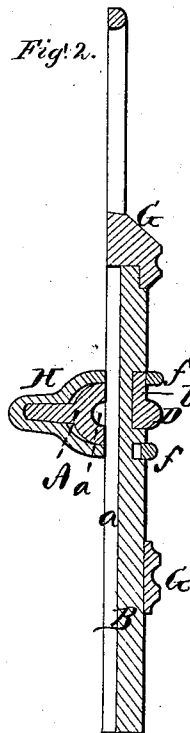
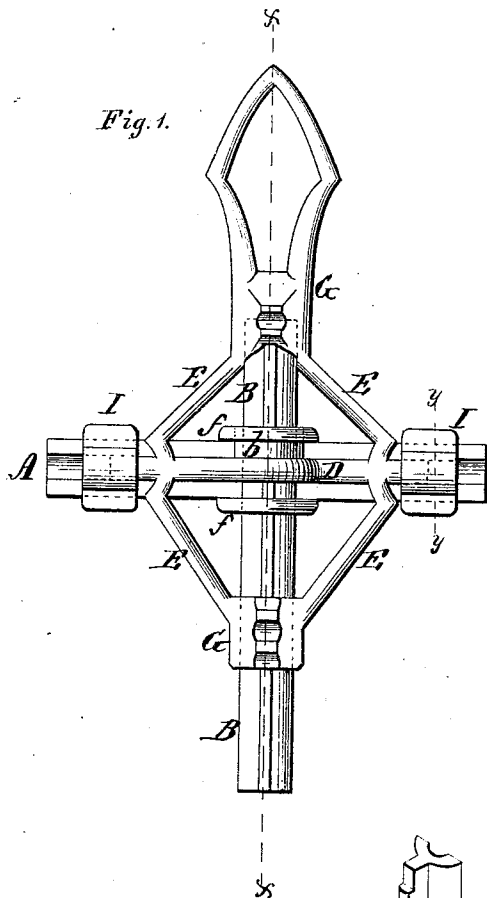
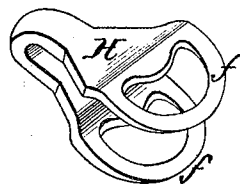
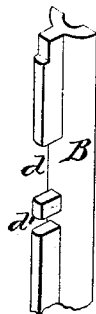


Fig. 4.



WITNESSES.

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By

INVENTOR

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UNITED STATES PATENT OFFICE.

BENJAMIN G. DEVOE, OF KENTON, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO WILLIAM L. WALKER, OF SAME PLACE.

IMPROVEMENT IN IRON FENCES.

Specification forming part of Letters Patent No. **151,574**, dated June 2, 1874; application filed
December 11, 1873.

To all whom it may concern:

Be it known that I, BENJAMIN G. DEVOE, of Kenton, in the county of Hardin, and in the State of Ohio, have invented certain new and useful Improvements in Fences; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

My invention relates to fences made of iron and other metal; and it consists in the construction and arrangement of the horizontal rails, pickets, and ornaments, as well as in the devices for fastening said parts together to form a substantial and strong fence, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view of so much of an iron fence as will illustrate my invention. Fig. 2 is a vertical section of the same through the line *x x*, Fig. 1. Fig. 3 is a section through the line *y y*, Fig. 1; and Fig. 4 is a detached view, showing a part of the picket and the central clamp.

A represents the horizontal rail, and B the picket. These are made of oval or rounded T-shaped iron bars, having a semicircular groove, *a*, running the entire length, as shown. The ornament is all made in one piece, and is composed of a cylindrical horizontal bar, D, top and bottom pieces G G, which are made to fit over the picket B, and braces E E, connecting them together, and may be made in any suitable or desired configuration. In the center of the bar D is a semicircular swell, with an upward-projecting semicircular flange, *b*. This swell and flange fit over the picket B in a notch, *d*, made in the same, and the bar D, being made round, fits in the semicircular recess *a* in the rail A. These parts are firmly fastened together by means of a center clamp,

H, and two end clamps, I I. The center clamp H is constructed as shown in Fig. 4, with two jaws, *f*, or lips, having each a large hole through it. This clamp H passes around the back of the horizontal rail A, and also around the picket B, which latter passes through the holes in the jaws *f f*. The upper jaw goes around the semicircular flange *b*, and the lower jaw fits in a notch, *d'*, on the picket. This forms a clamping device which holds the ornament, picket, and longitudinal rail perfectly solid together, and makes a strong and substantial arrangement to put the fence together with. The fastenings I I are constructed as shown in Fig. 3, to slip over the rail A, and are provided with a semicircular recess, *a'*, to fit over the ends of the round bar D of the ornament, thus forming a fastening that presses said bar into the hollow or recess in the rail A, to form a brace for keeping the rail from sagging, and holds the ornament securely in place. The next ornament of the next panel is slipped into this fastener, and so on until a panel is put together. The lower or middle rails are fastened in the same manner, only the top of the ornament is disposed of to be used as a fastener below.

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

The combination of the rounded T-shaped pickets B, provided with notches *d d'*, the rounded T-shaped rails A, having groove *a*, the facing-piece composed of the round bar D, with flange *b*, top and bottom pieces G G, and braces E E, center fastening H, and the end fasteners I I, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 7th day of November, 1873.

BENJAMIN G. DEVOE.

Witnesses:

A. WOOD,
H. C. WILAS.