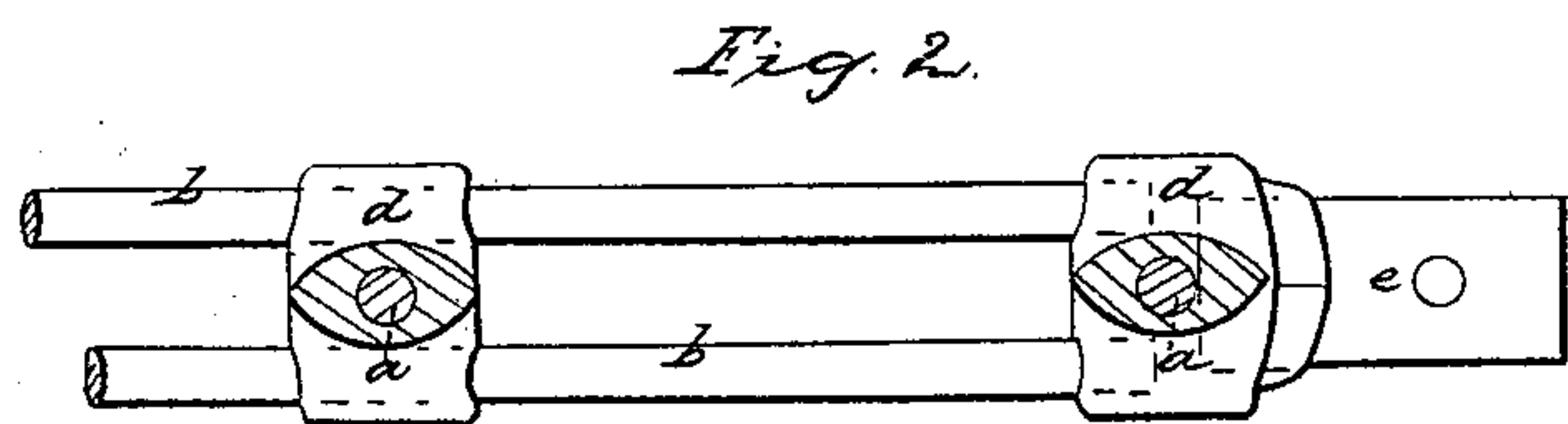
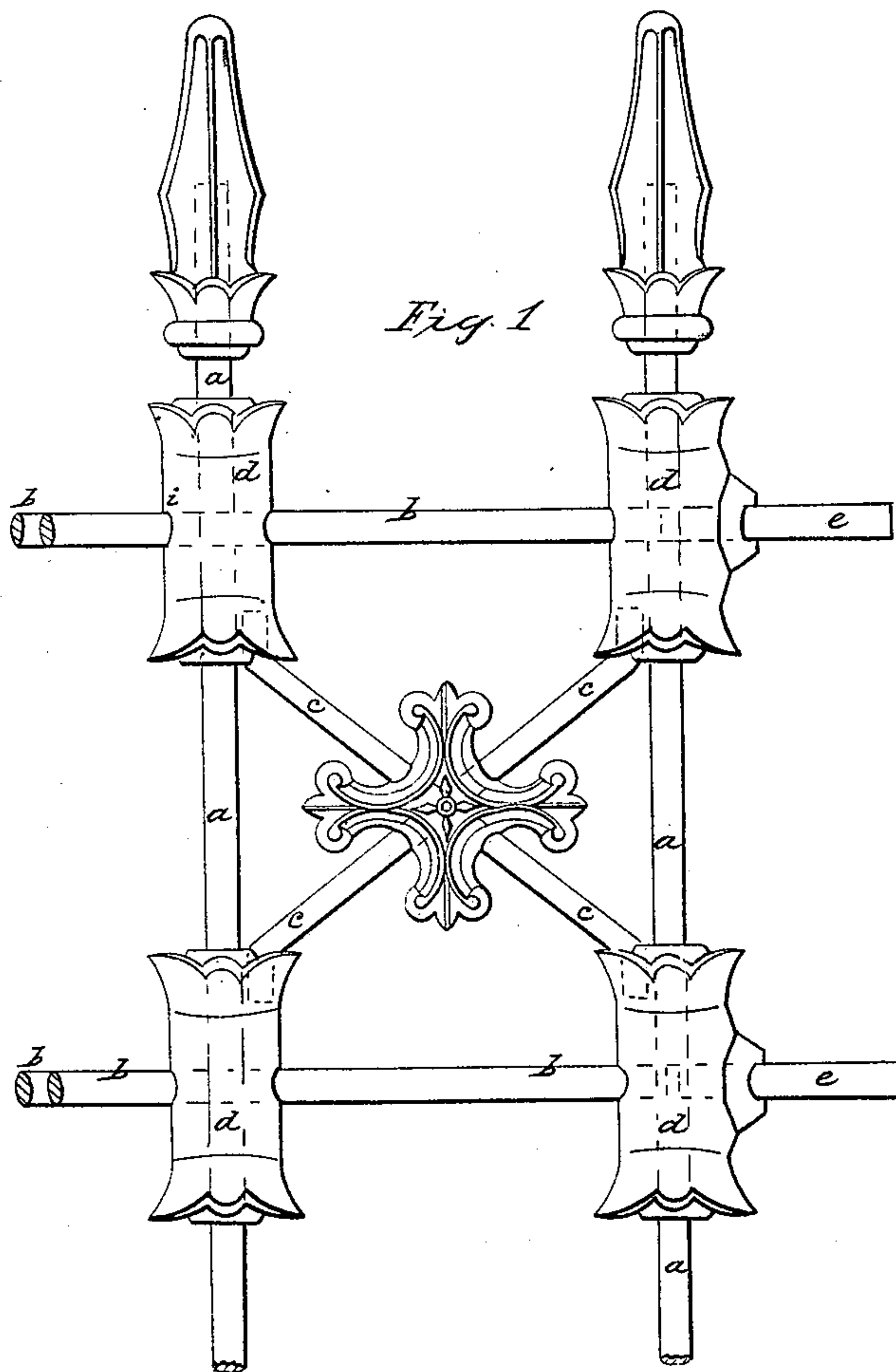


Nickersham & Jenkins,

Iron Fence.

N^o 25,166.

Patented Aug. 16, 1859.



Witnesses:

Samuel W. Sewell
Thos Geo. Harrod

Inventors:

John Nickersham
Henry Jenkins

UNITED STATES PATENT OFFICE.

J. B. WICKERSHAM AND H. JENKINS, OF BROOKLYN, NEW YORK, ASSIGNORS TO NEW YORK WIRE RAILING CO.

IRON FENCE.

Specification of Letters Patent No. 25,166, dated August 16, 1859.

To all whom it may concern:

Be it known that we, JOHN B. WICKERSHAM and HENRY JENKINS, of Brooklyn, in the county of Kings and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Forming Wrought-Iron Bars into Fences, Railings, and Similar Articles; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1, is a side view of said railing and Fig. 2 is a plan of the same with the top ornaments partially removed.

Similar marks of reference indicate the same parts.

In Letters Patent granted to Henry Jenkins January 13th 1852, metallic rods are shown with cast iron ornaments connecting said rods. In this instance as well as in some other railings, the vertical rods pass through holes in flat bars where they are secured.

The nature of our said invention as distinguished from all others consists in forming the top rail, string or cord with two or more metal bars parallel or nearly so with each other, and passing the vertical or diagonal bars through between the aforesaid bars of the top rail, and casting around such bars or wires, at the points of intersection, iron ornaments or connections thereby tying the bars firmly to each other, and making the whole structure of metallic bars or wires without perforating either of said bars. Our said invention is therefore an improvement on the aforesaid patent of H. Jenkins.

In the drawing *a, a*, are vertical bars on each side of which near their upper and lower ends are horizontal bars *b, b*, forming the rails strings or cords.

c, c, are diagonal bars that may be introduced when desired.

d, d, are cast iron ornaments or connections uniting the bars together and forming a strong and durable tie at the points of intersection and crossing.

e, e, represent flat bars introduced at the end of a fence or railing for introducing into brick or stonework or posts and leading or otherwise securing into place.

It will be evident that two, three, or more vertical bars *a, a*, may be used in a transverse range, and that the rails, strings or cords *b, b*, may be increased in number in proportion to such increase in the bars *a, a*. The diagonal bars may be introduced at a greater or less angle, and increased in number as desired.

We do not claim metallic bars intersecting or crossing each other and riveted or bolted together as such have been used in many different characters of bridges, neither do we claim uniting metal bars by cast iron ornaments, but

What we claim as our invention and desire to secure by Letters Patent is—

Constructing railings fences and other articles by metallic bars intersecting each other and united by a cast iron ornament or connection when one or more bars running parallel or in one direction pass through between two or more bars running in another direction substantially as specified.

In witness whereof we have hereunto set our signature this seventh day of July 1859.

JOHN B. WICKERSHAM.
HENRY JENKINS.

Witnesses:

LEMUEL W. SERRELL,
THOS. GEO. HAROLD.