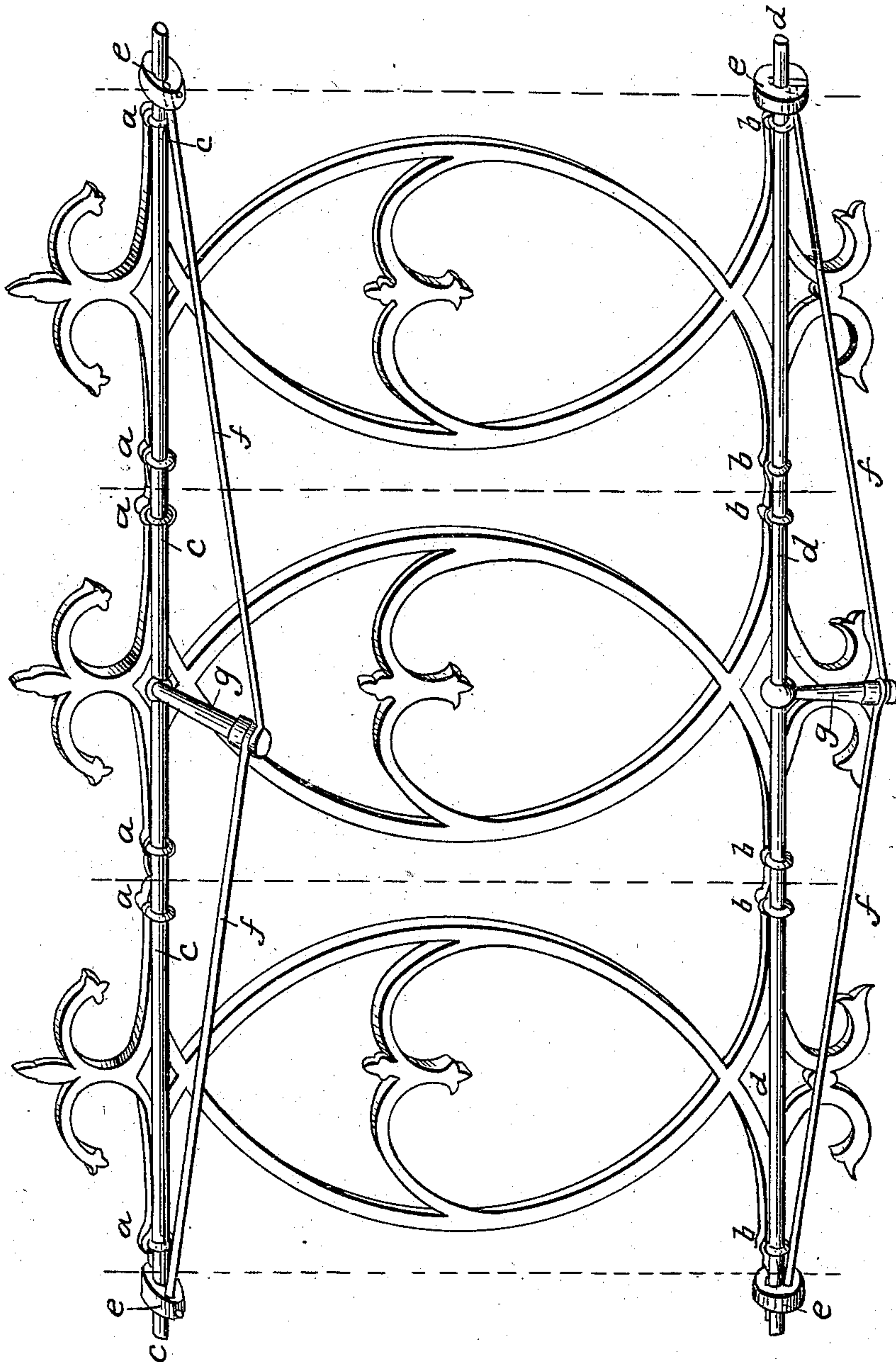


G. KICHERER.

Fence.

No. 58,432.

Patented Oct. 2, 1866.



Witnesses:
Edwin Alexander
Wm. H. Hall

Inventor.
George Kicherer

UNITED STATES PATENT OFFICE.

GEORGE KICHERER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 58,432, dated October 2, 1866.

To all whom it may concern:

Be it known that I, GEORGE KICHERER, of Brooklyn, in the county of Kings and State of New York, have invented a certain new and useful Improvement in Fences; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, and to the letters of reference marked thereon.

The object of my invention is to construct the panels of a metallic fence in such a way that they may be easily and strongly put together, and with as little extraneous support or bracing as may be possible.

To accomplish this object my invention consists in casting the panels with staples or eyes placed in a position that will admit the passage of an iron rod fastened at the ends with keyed head-blocks, that also secure the ends of other rods, by which the whole may be braced in any desired direction.

To enable others skilled in the arts to which it appertains to make and use my invention, I will proceed to describe its construction and operation with reference to the drawing, which represents the reverse side of three panels, (indicated by red division-lines,) put together in the manner I have described.

Each panel has the upper and lower pairs of staples or eyes, *a a* and *b b*, placed in lines at the adjacent ends, to admit the continuous

rods *c* and *d*, by which they are held together, and on which they are secured by means of the heads *e*, that may be fastened in any position by appropriate keys. These staples or eyes should be made of wrought-iron and embedded in the mold in which the panel is to be cast, so that the melted metal may be run upon their shanks and the staples incorporated with the panel when cast. The heads *e* also retain the bent ends of the rods *f*, the other ends of which are bolted or otherwise secured to the braces *g*, also placed upon the rods *c* and *d*. These braces may be turned either outward or vertically, and the upper one in the drawing is represented as placed to brace the fence in a lateral direction, while the lower one supports it longitudinally.

When the posts used to support the fence are of iron they may be made with special provision for the reception of the heads and ends of the rods and braces; and if marble be employed the heads may be let into suitable recesses and covered with ornamental rosettes.

I claim as a new article of manufacture—

The panels fitted with staples or eyes for the reception of tie-rods and braces, substantially in the manner described and for the purpose specified.

GEORGE KICHERER.

Witnesses:

EDWIN C. ALEXANDER,
WM. KEMBLE HALL.