

(No Model.)

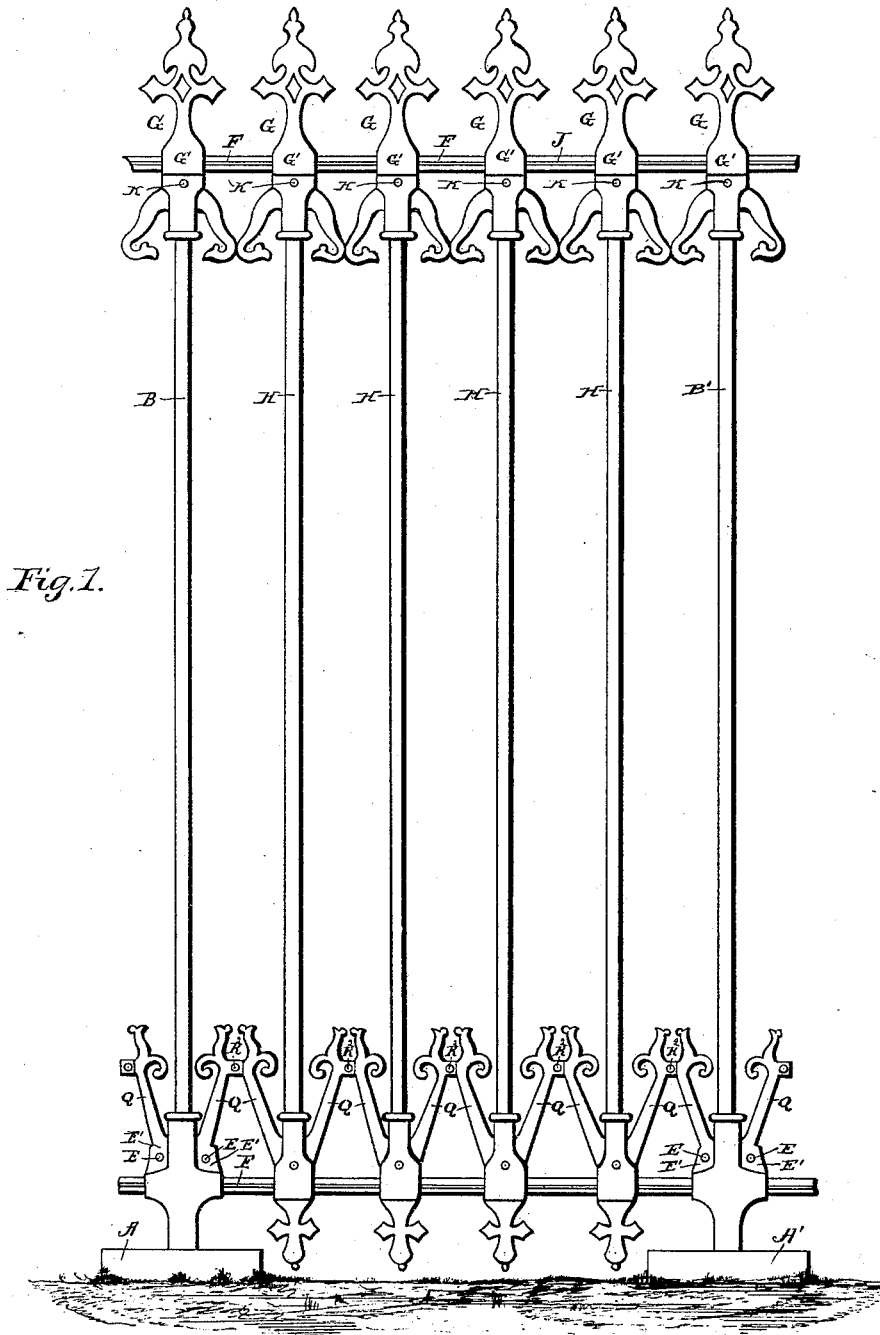
3 Sheets—Sheet 1.

J. MOREIN.

FENCE, RAILING, OR BALCONY.

No. 346,057.

Patented July 20, 1886.



WITNESSES

B. Fugitt.
Phillemasi.

INVENTOR

Jules Morein.
by Anderson & Smith
ATTORNEYS

(No Model.)

3 Sheets—Sheet 2.

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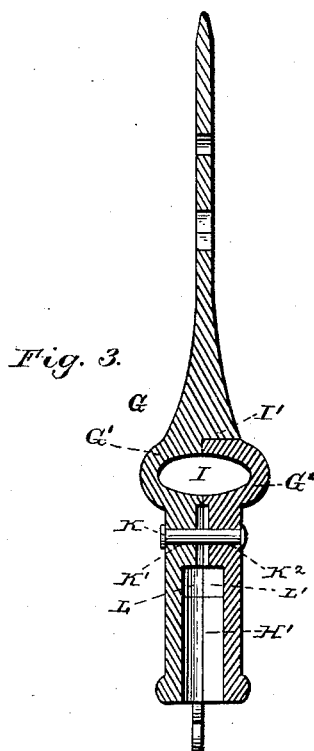
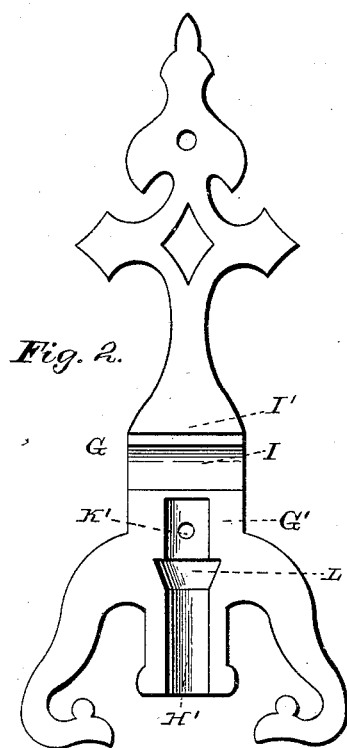
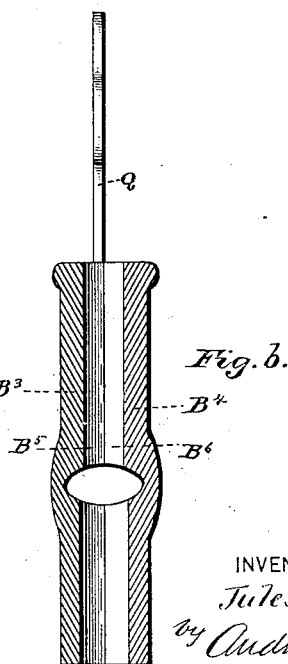
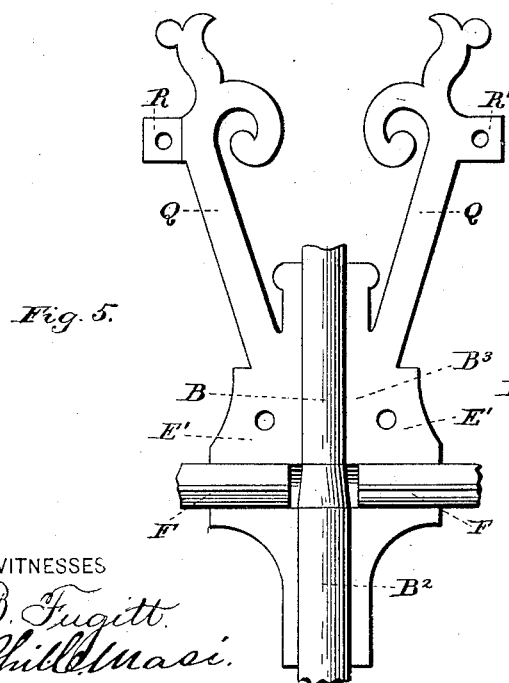
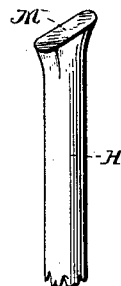


Fig. 4.



WITNESSES
O. Fugitt.
Phillemasi.

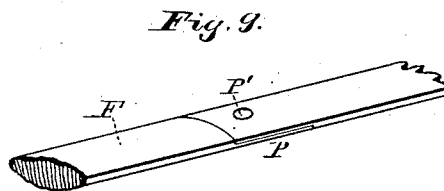
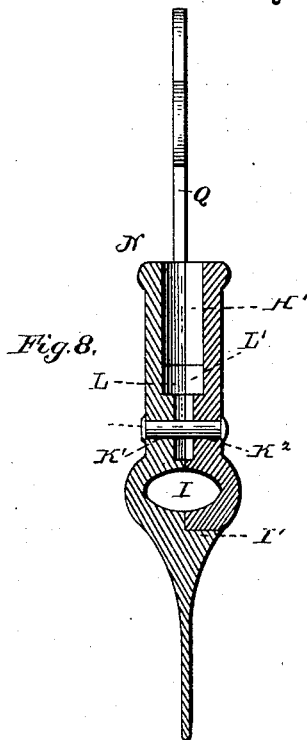
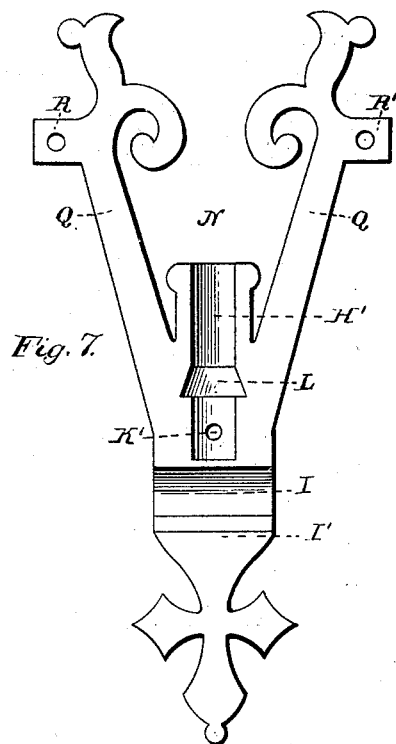
INVENTOR
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ATTORNEYS

UNITED STATES PATENT OFFICE.

JULES MOREIN, OF NORFOLK, VIRGINIA.

FENCE, RAILING, OR BALCONY.

SPECIFICATION forming part of Letters Patent No. 346,057, dated July 20, 1886.

Application filed April 6, 1886. Serial No. 197,970. (No model.)

To all whom it may concern:

Be it known that I, JULES MOREIN, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Fences, Railings, or Balconies; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of my invention, and is an elevation of a section of the same. Fig. 2 is a view of the larger casting of the cap-piece. Fig. 3 is a vertical section of the cap-piece. Fig. 4 is a view of the end of one of the posts or pickets. Fig. 5 is a view of the casting forming the socket for the posts, showing stringer. Fig. 6 is a section of the same. Fig. 7 is a view of the casting forming the socket for the fence-pickets. Fig. 8 is a section of the same. Fig. 9 is a view showing stringer-joint.

My invention relates to iron fences; and it consists in the construction and novel arrangement of parts, as hereinafter described, and pointed out in the claims.

Referring by letter to the accompanying drawings, A A' designate the stone or iron base-plates, in which the lower ends of the fence-posts B and B' are stepped or seated in order to give the fence-panels the necessary rigidity and stability when erected.

The fence-posts B and B' are slightly enlarged for a short distance, commencing at their lower ends, as at B², and their sockets are formed of half-castings B³ and B⁴, which are securely bolted together by rivets E E, passed through the flanges E' of the castings, one on each side of the vertical body portion of the posts B or B', the lower connections for said posts being the same in all instances. The rivets E E are also passed through above the horizontal rail or stringer F of the panel, said lower stringer, F, being oval or angular in cross-section, the curves forming the oval being on the upper and lower sides of said lower stringer, F. The cap-pieces G of the fence-pickets H and fence-posts B B' are also constructed in two parts, G' G², which are

provided in their inner faces each with a longitudinal groove, H', extending nearly to a transverse half-oval groove, I, beneath a laterally-extending shoulder, I', on the larger casting G'.

The castings G' G² inclose the upper stringer, J, which is oval in cross-section to fit the seat formed by the junction of the parts G' G², and a rivet, K, is passed through registering holes K' K², below the oval stringer J, and is upset on its headless end, thereby holding the parts together.

The parts G' G² have the longitudinal grooves H' slightly enlarged at L L', so that when the parts G' G² are riveted in place around the flattened or enlarged ends M of the fence-pickets H and fence-posts B B' the latter will be secured in place at their upper ends. The above description is applicable to the lower casting N, except that the latter is inverted when in place. In the lower castings B³ B⁴ the lower portions of the longitudinal grooves B⁵ B⁶ are made somewhat larger than the upper portions, and the lower end of the fence-posts pass down entirely through them and into the bed of stone or other bed on which or in which the lower end of the post rests. The lower stringer, F, is also oval in cross-section, and the adjacent ends of two of said lower stringers rest on opposite sides of the posts in the seats formed by the union of the lower castings B³ B⁴, two rivets, E E, being passed through the flanges of the castings E' to secure the fence-posts in place.

The sections of the upper stringers, also those of the lower stringers, are provided with lap-joints P, which are secured together by rivets P'. The upper diverging arms, Q Q, of the lower castings are provided with laterally-extending overlapping shoulders R R', which are connected together in pairs by transverse rivets R². The lower ends of the lower castings extend below the line of the upper surface of the bed-plates.

It is obvious that the style of ornamentation of the upper and lower castings may be varied without departing from the character of the invention.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the stringer, of the

two-part upper casting, having the transverse half-grooves and the longitudinal grooves intersected by the rivet-holes, (said longitudinal grooves being enlarged immediately below the rivet-holes,) the vertical rod with the flattened upper end, and the rivet securing the two-part casting together upon the vertical rod, substantially as specified.

2. The combination, with the two-part lower casting, provided with the longitudinal inner grooves and the horizontal inner grooves, of the fence-post having the enlarged lower end,

(the casting having the upwardly-diverging arms and horizontal shouldered arms,) and the sectional stringer seated in the horizontal grooves of the casting, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

JULES MOREIN.

Witnesses:

THEO. MUNGEN,
PHILIP C. MASI.