

(No Model.)

C. E. GUILLAUME
IRON FENCE.

No. 596,773.

Patented Jan. 4, 1898.

Fig. 1.

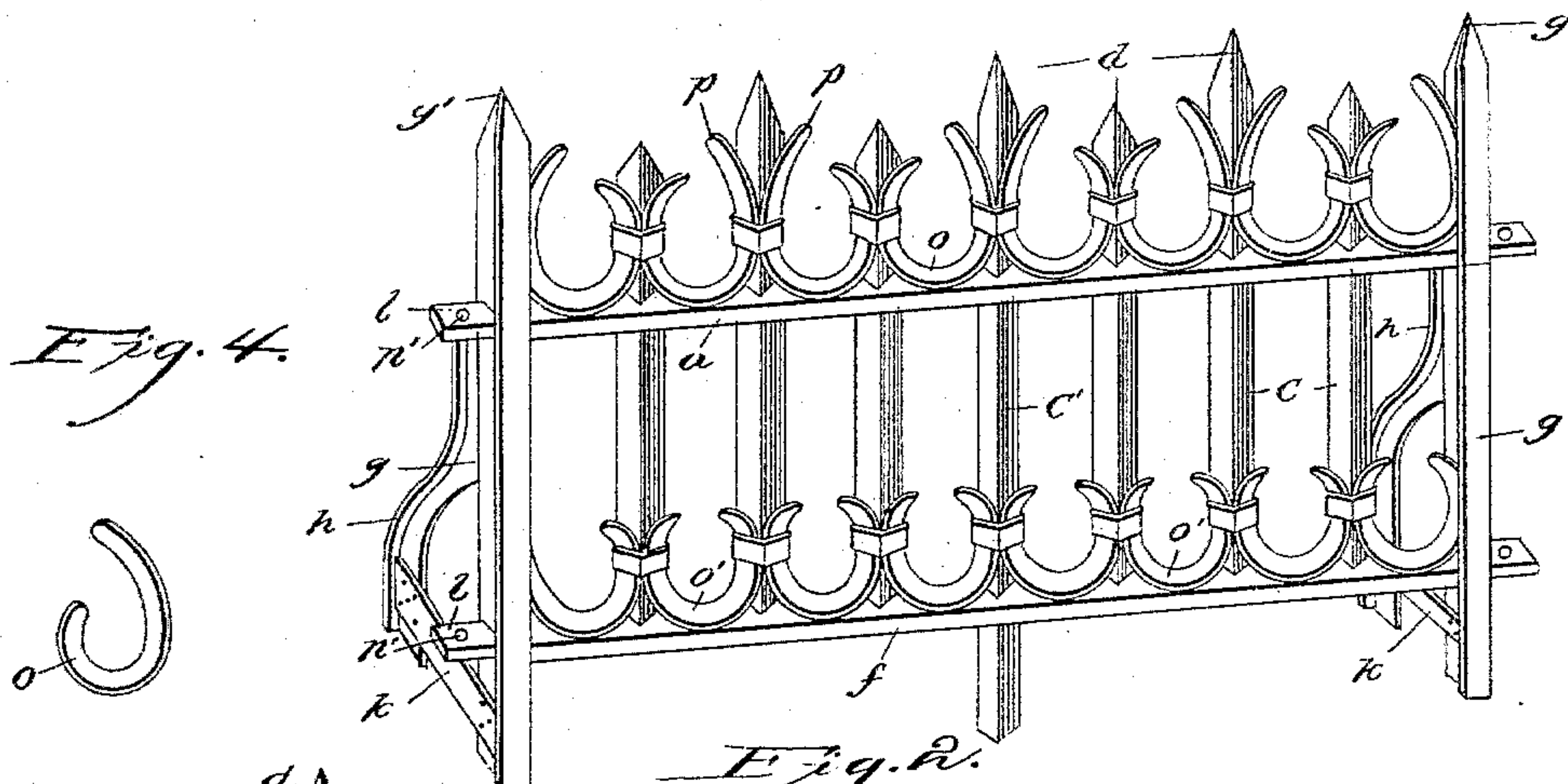


Fig. 5.

Fig. 3.

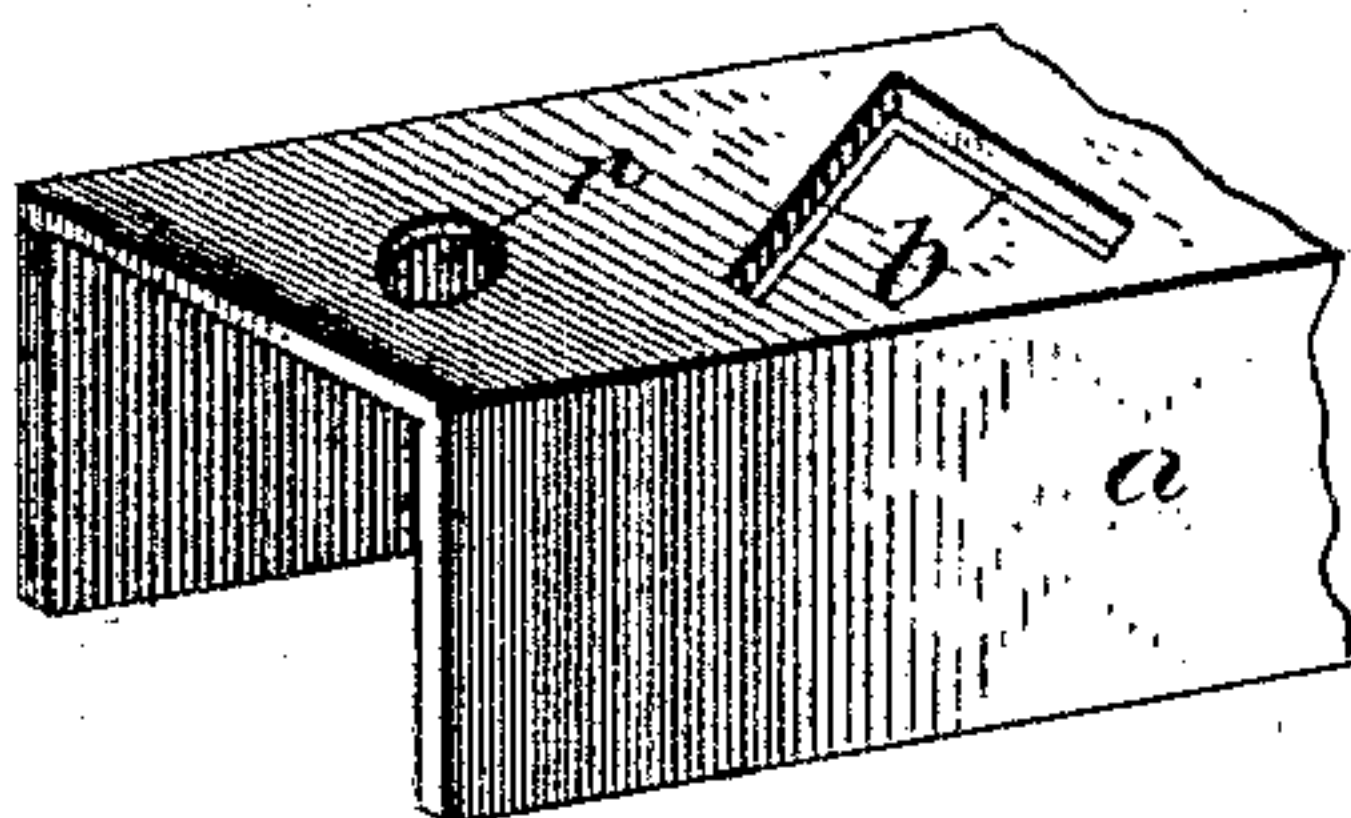


Fig. 9.



WITNESSES:

J. P. Applemans
A. M. Wilson

Fig. 6.

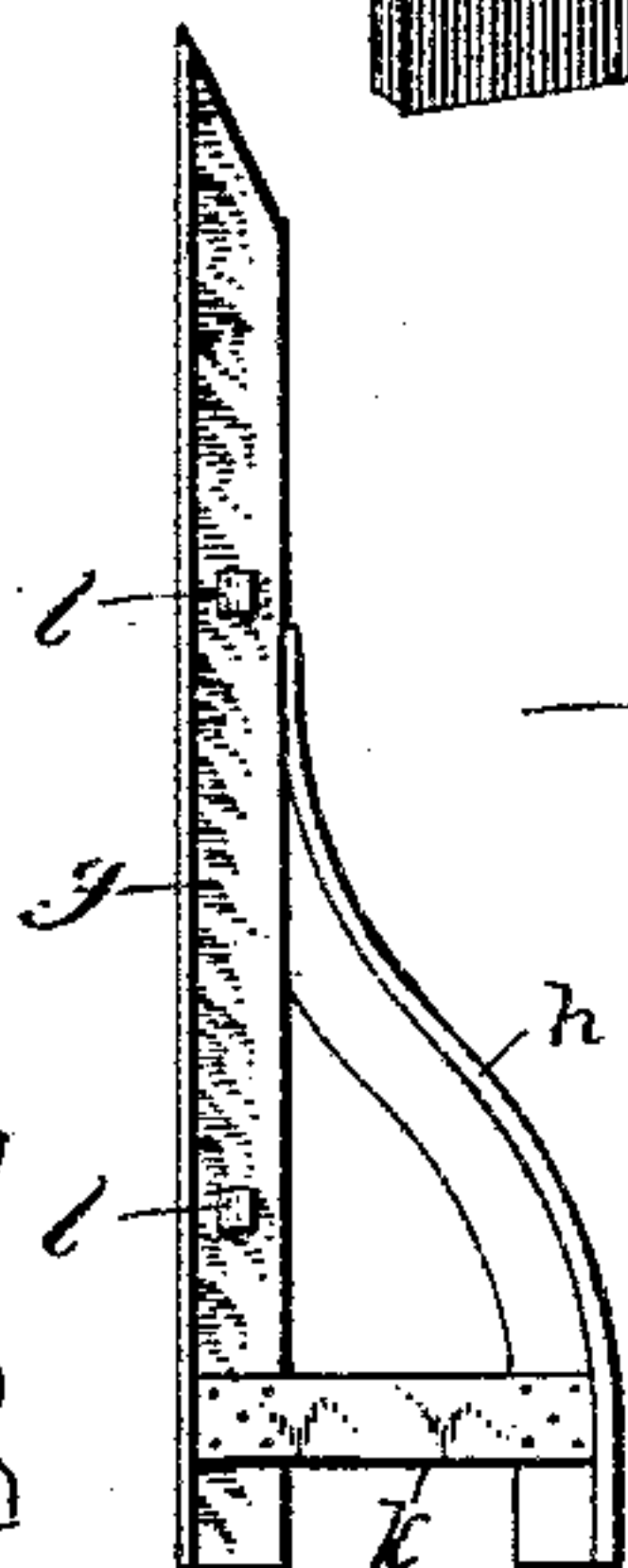


Fig. 8.

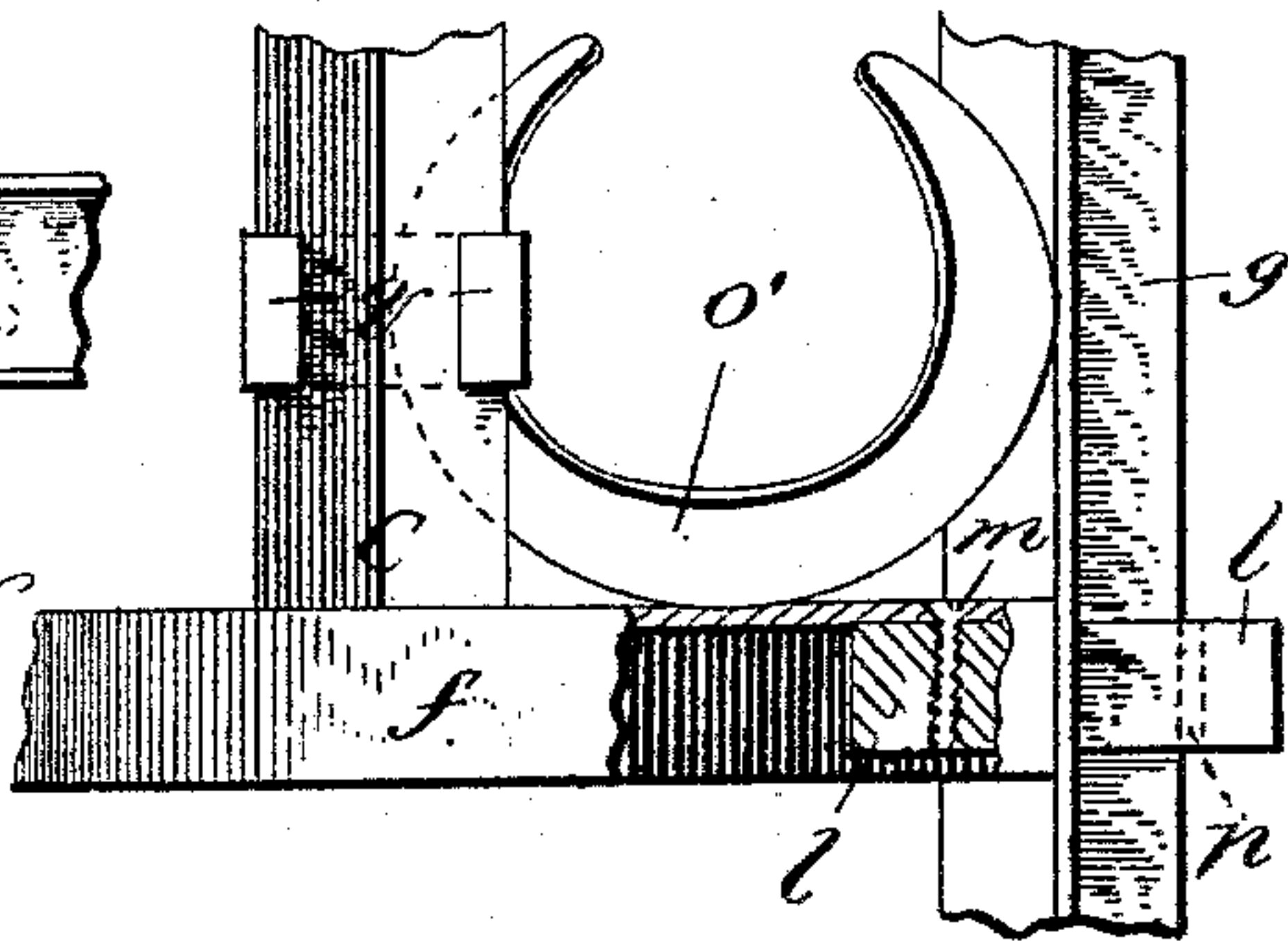


Fig. 7.

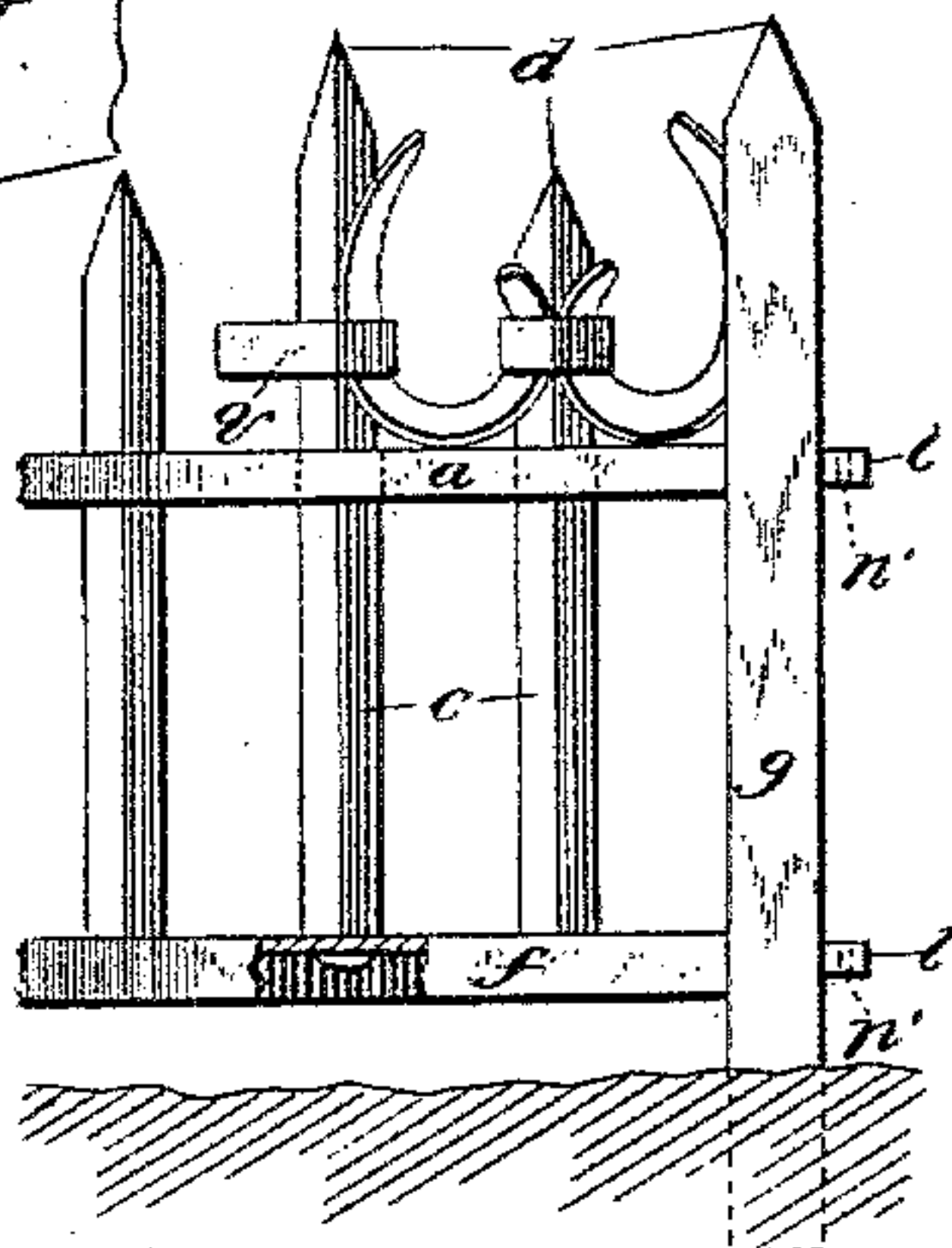


Fig. 10.



INVENTOR

C. E. Guillaume.

BY

Henry C. Everett
ATTORNEY.

UNITED STATES PATENT OFFICE.

CHARLES E. GUILLAUME, OF ALLEGHENY, PENNSYLVANIA.

IRON FENCE.

SPECIFICATION forming part of Letters Patent No. 596,773, dated January 4, 1898.

Application filed May 7, 1897. Serial No. 635,550. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. GUILLAUME, a citizen of the United States of America, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Iron Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in metallic fences, and has for its object to construct a fence of this nature, such as are ordinarily known as "ornamental" fences, that may be readily changed
15 so as to present an entirely different appearance by merely substituting different ornamentations between the pickets and without removing or changing the original pickets of the fence.

20 A further object of the invention is to construct a fence of this type that may be easily built and fastened together and when all parts are in their proper position will present an extremely rigid construction.

25 A further object is to construct an ornamental fence simple in its form throughout, comparatively inexpensive to manufacture, and strong, durable, and effectual in the performance of all its functions.

30 With the above and other objects in view the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more specifically described, and particularly pointed out in the
35 claim.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like letters of reference indicate similar
40 parts throughout the several views, in which—

Figure 1 is a perspective view of a panel of metallic fence constructed in accordance with my invention. Fig. 2 is a perspective view of a portion of the lower stringer. Fig. 3 is
45 a similar view of a portion of the top stringer. Fig. 4 is a detail view of one of the removable ornamentations. Fig. 5 is a detail view of one of the pickets. Fig. 6 is a side elevation of one of the pickets forming the post and
50 end of panel. Fig. 7 is a front view of a part of one panel of fence constructed in ac-

cordance with my invention and showing manner of securing pickets and the flats holding the ornamental portions. Fig. 8 is a rear elevation of a portion of the fence, showing
55 manner in which the panels are secured together. Fig. 9 is an underneath plan view of the lower stringer, showing manner in which pickets are secured. Fig. 10 is a detail view of one of the flats employed for fastening the ornamental pieces to the pickets.
60

Referring now to the drawings by reference-letters, *a* represents the upper or top stringer, which is formed of ordinary U-iron and is provided at suitable intervals with triangular-shaped slots *b* to receive the pickets *c*, which are formed of ordinary angle-iron, provided with a pointed upper end *d* and the lower end partly cut away and adapted to protrude through the triangular slot *e*, which
65 is cut in the lower stringer *f*. The central picket *c'* of each panel is preferably arranged to protrude through the lower stringer the same distance as the end posts *g g* of the panels, said posts being formed from ordinary T-
70 iron having a pointed end *g'*, and secured to each post by riveting or other suitable means. A brace *h*, also formed from T-iron. A cross-brace *k* is secured to said brace *h* and the post *g*, serving to add strength to the post
75 and brace. The posts *g g* are provided with apertures to receive pins *l l*, which protrude over each side of the posts and engage in the ends of the U-shaped stringers *a* and *f*, where they are fastened by means of screws *m*, passing through apertures *n*, provided therefor
80 in the U-shaped stringers, said screws engaging in the pins *l l* in apertures *n' n'*, provided for the same. The protruding ends of the pickets below the stringer *f* are riveted,
85 so as to hold the same in position, as shown in Fig. 9.

The removable ornamentations *o* are formed of flat iron, which may be constructed of the shape shown in the drawings, with one end
90 projecting above the other, thus forming projecting barbs *p p* at each side of the picket above the top stringer and giving the picket an arrow-head appearance, or these ornamental pieces may be arched between each
95 picket, as may be desired. They are securely fastened to the pickets by means of straps *q*,
100

formed of flat iron bent around the pickets and ornamental pieces, with the ends toward the rear side of the fence, so as to present an ornamental appearance at the front of the fence.

By constructing the pickets of unequal length and forming the ornamental pieces with one end protruding above the other the arrow-head appearance is given to each picket, and at the lower stringer these ornamentations may be formed with the ends curving toward each other, so as to prevent the arrow-head appearance in a straight line along the fence. It will be noted that this same principle may be carried out in the construction of gates, balustrades, and the like, and that when so constructed the fence will present an extremely rigid form, and, if desired, the general appearance of the fence throughout may be changed by removing the ornamental portions and substituting others in their places without any other alteration to the fence.

It will be noted that various changes may be made in the details of construction with-

out departing from the general spirit of my invention.

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

In a metallic fence, the combination of the top stringer formed of U-shaped bars and provided at intervals with triangular-shaped slots, to receive pickets formed of ordinary angle-iron, with a pointed upper end, the lower end of said pickets being cut away to engage an opening formed in the lower stringer, supporting-posts provided with lugs to which the stringers are secured, said lugs being provided with openings to receive fastening means, and removable ornaments secured to the top of the pickets, substantially as shown and described.

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

CHARLES E. GUILLAUME.

Witnesses:

JOHN NOLAND,

THOS. M. BOYD, Jr.