

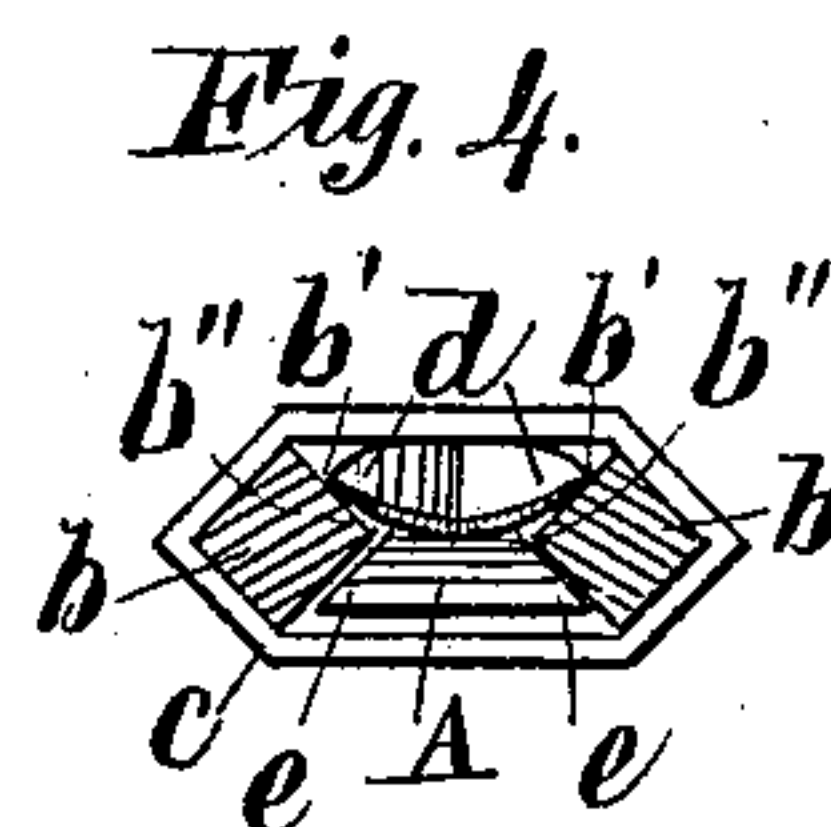
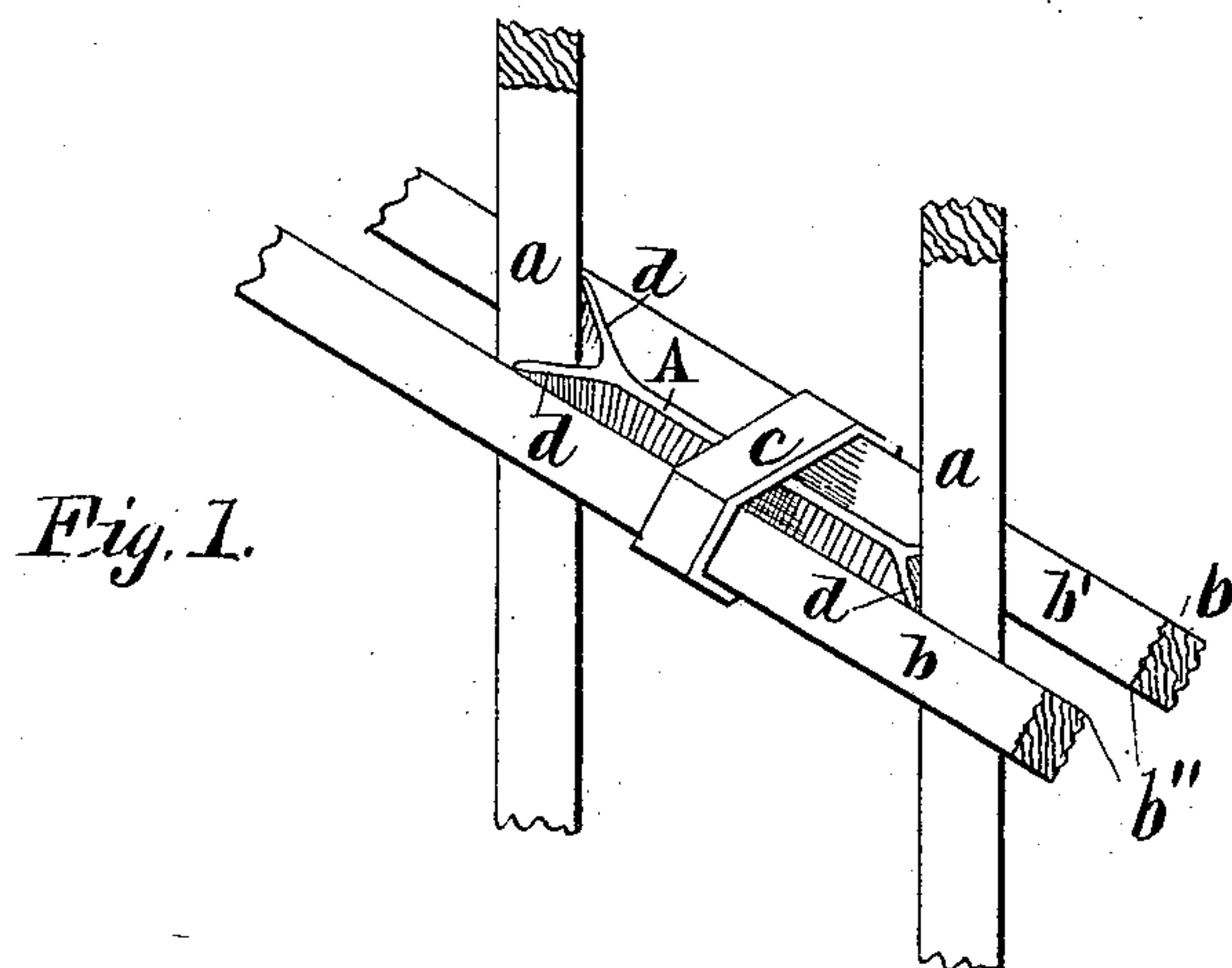
(No Model.)

T. ROGERS.

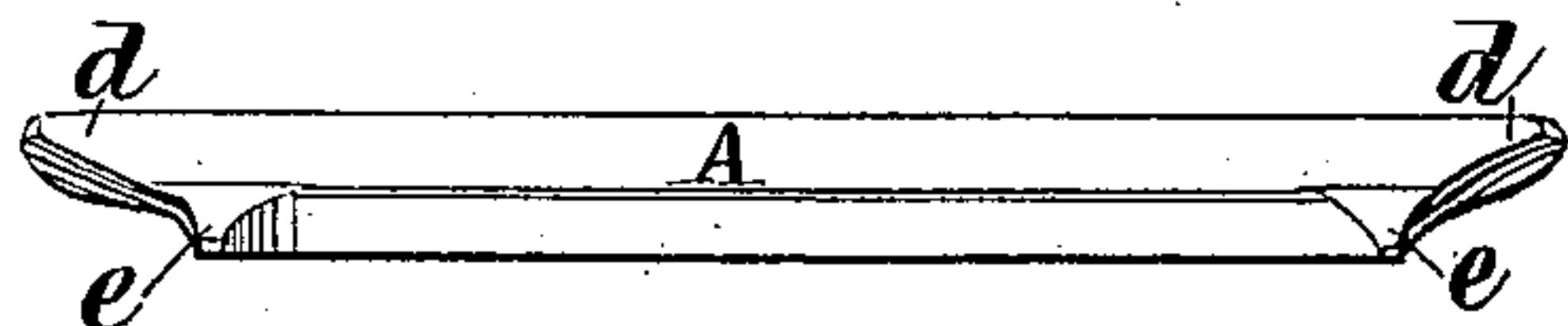
IRON FENCE.

No. 297,295

Patented Apr. 22, 1884.



*Fig. 2.*



*Fig. 3.*



Attest  
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By B. C. Converse, Atty.

# UNITED STATES PATENT OFFICE.

TIMOTHY ROGERS, OF SPRINGFIELD, OHIO, ASSIGNOR TO THE ROGERS  
FENCE COMPANY, OF SAME PLACE.

## IRON FENCE.

SPECIFICATION forming part of Letters Patent No. 297,295, dated April 22, 1884.

Application filed March 31, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, TIMOTHY ROGERS, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Iron Fences; 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 the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in iron fences.

My invention relates to that class of iron fences in which double rails are used with picket-rods inserted between them.

The object of my invention is to construct a double-rail fence without other ornamentation than is embraced in the rods and rails, and to provide for the retention of the picket-rods in their relative position, and at the same time to permit of the adjustment of the fence to grade by the introduction of spacers between the picket-rods, which are supported upon the upper contiguous surfaces of the rails, and which abut against the picket-rods at either end of the spacer.

Figure 1 is a perspective view of a part of two picket-rods as inserted between a pair of fence-rails, with a spacer and clip-band between them. Fig. 2 is a side view of the spacer, which lies upon the inner surfaces of the double rail, shown detached. Fig. 3 is a top view of the same. Fig. 4 shows a side view of the clip-band, a cross-section of the rails, and an end view of the spacer-bar.

In the construction of this fence both rails and picket-rods are preferably square in their cross-section, and are placed with their angles in contact.

*a a* are the picket-rods seen in Fig. 1, inserted with their angles in transverse line between the two parallel rails *b b*, which are placed with their angles in a horizontal plane to come in contact with them, as described in applications Serial Nos. 89,406 and 89,407, which I have filed for patents for improve-

ments upon fence in which similar rails and picket-rods are used.

Between the two rods *a a*, and having its projecting spurs *d* resting upon the inner top surfaces, *b'*, of the rails *b*, is seen the spacer *A*. This consists of a bar of the required length necessary to cover the space between the pickets. It is made narrow, with its vertical diameter much the greatest. At each end is an angular fork, which straddles the angle of the picket-rod, and in rear of this, upon either side, is a laterally-extending spur or lug, *e*, which inclines downward. The spacer *A* is placed between the rails *b*, so that the inner angles of the rails are held between the lugs *d* of the fork (which rests upon their inner top surface) and the spurs *e*, which extend outward upon the under surfaces of the rails.

To secure the spacer, pickets, and rails together, a clip-band is used, (similar to one used in application Serial No. 89,407,) and this is applied over the middle of the spacer-bar.

By reference to the view Fig. 4 it will be noticed that the lugs or prongs *d*, which form a fork to straddle the vertical picket, form also, in combination with the spurs *e*, forks which straddle the inner angles, *b''*, of the rails *b*, the two prongs *d* extending over them upon the upper and inner sides, *b'*. The limbs of the end fork are beveled to an edge on the inside to allow the picket-rod to move easily thereon in adjusting. When viewed from one side, the spacers between the pickets are not seen. They may be applied either to a two or three rail fence.

In setting up the fence one picket is first introduced, and after this the spacer and clip-band, and so on consecutively, first a picket and then a spacer and clip, until the panel of the fence is complete.

I claim as my invention—

1. In an iron fence having two rails in the same plane, forming a double rail, and having pickets supported between said rails, the combination of a spacer-bar extending in line with said rails, and in the same plane therewith between the pickets, having an end fork straddling the picket and a lateral fork on either side, formed by a prong of the end fork, in connection with



a lateral spur which straddles the rails, and an intermediate band adapted to inclose the rails and spacer-bar, as set forth.

2. In a double-rail fence having square rails  
5 and pickets of like form between them, the combination, with said rails and pickets, of a spacer-bar having end forks engaging with the picket-rods, side forks or notches contiguous thereto engaging with the inner angles of said  
10 rails, and an intermediate band inclosing the whole midway between the pickets.

3. The combination, with rails *b*, having the inner angles, *b''*, and the picket-rods *a*, inserted

between said rails, with their transverse angles in contact therewith, and their opposite  
15 angles in the central longitudinal line between them, of the spacer *A*, having the prongs *d* and *e*, and the clip-band *c*, substantially as set forth.

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

TIMOTHY ROGERS.

Witnesses:

B. C. CONVERSE,  
G. M. GRIDLEY.