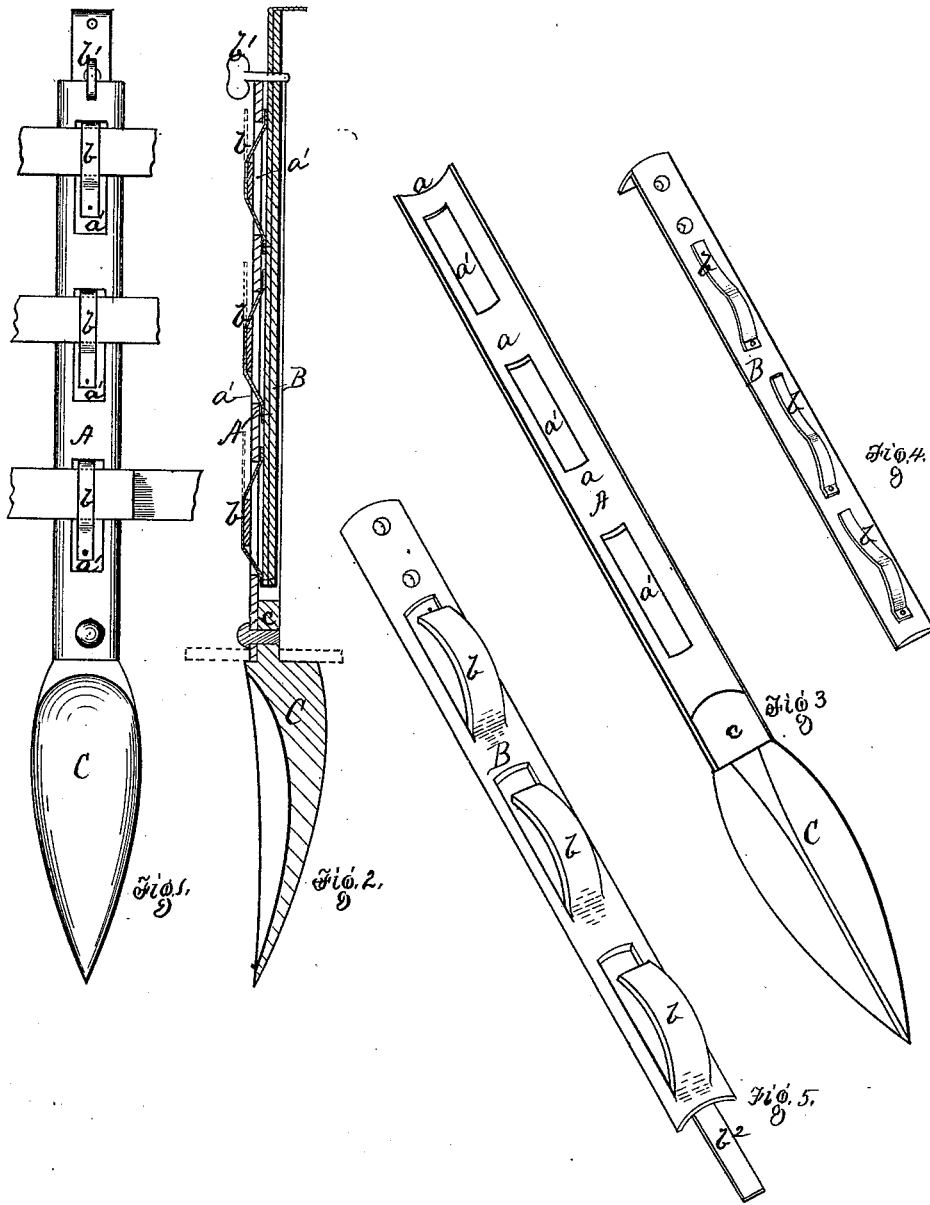


A. J. NELLIS.  
FENCE-POSTS.

No. 195,723.

Patented Oct. 2, 1877.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN FENCE-POSTS.

Specification forming part of Letters Patent No. **195,723**, dated October 2, 1877; application filed August 10, 1877.

### *To all whom it may concern:*

Be it known that I, AARON J. NELLIS, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Fence-Posts; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is an elevation of a fence-post embodying my invention. Fig. 2 is a vertical central section of the same. Figs. 3 and 4 are detached views of the parts. Fig. 5 shows a modification of section B.

Like letters refer to like parts wherever they occur.

My invention relates to the construction of fence-posts, and is especially adapted for use with metallic rails, wire fencing, &c.; and consists in forming the post in longitudinal sections, one with slots and the other with loops, the sections being locked by, and locking with, the rail or wire in such manner as to preclude the necessity of using nails, clips, or screws, and slots in the rail, or like devices for connecting the rail and post, whereby the putting up and taking down of fencing is greatly facilitated.

I will now proceed to describe my invention, so that others skilled in the art to which it appertains may apply the same.

In the drawing, A B indicate the post-sections, and C the ground-section. Post-section A is of such length as the number of rails or height of post demands, is grooved or concave upon one side, as shown at *a*, for the reception of post-section B, and is slotted, as at *a'*, the slots corresponding in number and location to the number and position of the rails.

B is the mate section, usually of equal length, or perhaps slightly shorter than section A, of such general cross-section, or formed upon one side, so that it will fit snugly and slide in groove *a*.

Secured to section B, by rivets or otherwise, or formed therewith, if desired, are short springs or tongues *b*, so placed as to come opposite the slots in section A, and in the upper

end of the section is a slot or hole for the passage of a rivet, pin, or set-screw, *b*<sup>1</sup>.

C is the ground-section, which is pointed and ribbed, of bayonet form, or other suitable shape which will drive readily, and may be surrounded by a collar or ground-plate, as indicated in dotted line, Fig. 2, if desired.

The ground section or point C is usually cast metal, and is provided with a lug, *c*, for attachment of the section A by rivets or otherwise.

Section A may be of any suitable material, but preferably is of steel or hoop-iron of suitable width, shaped by rolling into the concavo-convex form, and slotted by well-known machinery.

The section B may be half-round iron or steel, and the springs riveted thereto and reversed, or it may be rolled concavo-convex from suitable steel, and the springs or tongues cut from the body of the metal, as shown in Fig. 5.

In lieu of the set-screw or pin *b*<sup>1</sup>, a clamp-spring, *b*<sup>2</sup>, Fig. 5, may be secured to the lower end of section B.

The application of the devices is as follows: The sections A C having been riveted, as shown, the joint C is driven into the ground to sustain the post. Section B is then laid in cavity *a*, with the springs projecting through slots *a'*. The rails or wires are slipped under the springs. Section B is then raised until the free ends of the springs *b* take under the upper edge of slots *a'* sufficiently far to tighten the rails in position, after which the pin or set-screw *b*<sup>1</sup> is inserted.

When a spring is employed to lock up the section B, it will rest upon lug *c* and support the section.

By this means a cheap, effective, compact, and readily-managed fence-post is obtained.

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

1. In a fence-post, the combination of the slotted section and spring or loop section, substantially as and for the purpose specified.

2. The combination of the concavo-slotted

section and the convex section, provided with spring-tongues, substantially as and for the purpose specified.

3. The combination, in a fence-post, of the slotted section, the spring-tongued sliding section, and means, substantially as described, for locking up the sliding section, substantially as and for the purpose specified.

4. In a fence-post, the combination of the

sections A, B, and C, the whole constructed substantially as specified.

In testimony whereof I, the said AARON J. NELLIS, have hereunto set my hand.

AARON J. NELLIS.

Witnesses:

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