

E. COZAD.

Fence.

No. 53,418.

Patented March 27, 1866.

Fig. 1.

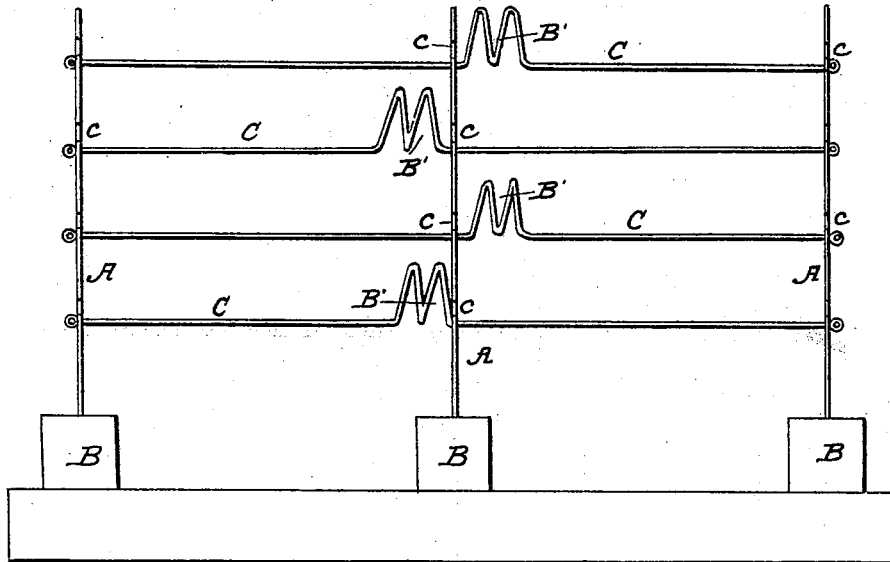


Fig. 2.

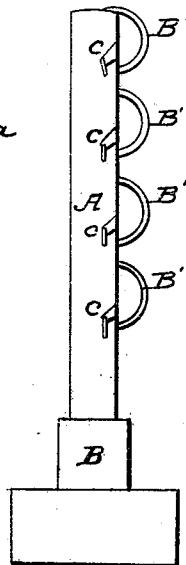
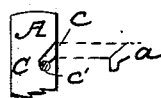


Fig. 3.



Witnesses:  
W. H. Burridge  
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Inventor:  
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# UNITED STATES PATENT OFFICE.

ELIAS COZAD, OF EAST CLEVELAND, OHIO.

## IMPROVEMENT IN FENCES.

Specification forming part of Letters Patent No. 53,418, dated March 27, 1866.

*To all whom it may concern:*

Be it known that I, ELIAS COZAD, of East Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Constructing Fences; and I do hereby declare that the following is a full and complete description of the construction of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a side view. Fig. 2 is an end view. Fig. 3 will be referred to in the description.

Like letters of reference refer to like parts in the views.

My improvement relates to constructing fences, as hereinafter described.

A are posts, each post being fixed in a stone, (seen in the drawings at B,) which stones are secured in the ground.

C are wires or rods extending across from post to post, each rod having spiral turns, as shown at B'. In the edge of these posts are slots or notches *a* in which the rods C rest. These notches being cut in and then down, forming a shoulder *c'*, as shown in Fig. 3, they cannot be pushed out laterally, where if the

slot was not cut down as shown it could be moved or pushed out very easily, but now cannot be taken out without being lifted up, the rod pressing against the shoulder *c'*, and the keys *c* hold the rods in place, so that they cannot be raised or pushed out by cattle or otherwise without first removing the key.

The object of coiling the rods as shown is for contractions and expansions in changes of weather. If they contract the coil will straighten out sufficiently to prevent the rod from breaking, and when expanded with heat they would be apt to sag; but in this way the coil will tighten and keep the rods straight and in place. These coils need not be at every post, but at such distances apart as may be thought necessary.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The arrangement of the wires or rods C, with the spiral turns B', in combination with the posts A, slots *a*, and keys *c*, in the manner and for the purpose set forth.

ELIAS COZAD.

Witnesses:

W. H. BURRIDGE,  
J. HOLMES.