(No Model.)

E. M. KOPKA.

FENCE.

No. 597,583. Patented Jan. 18, 1898.

Fig. 1.

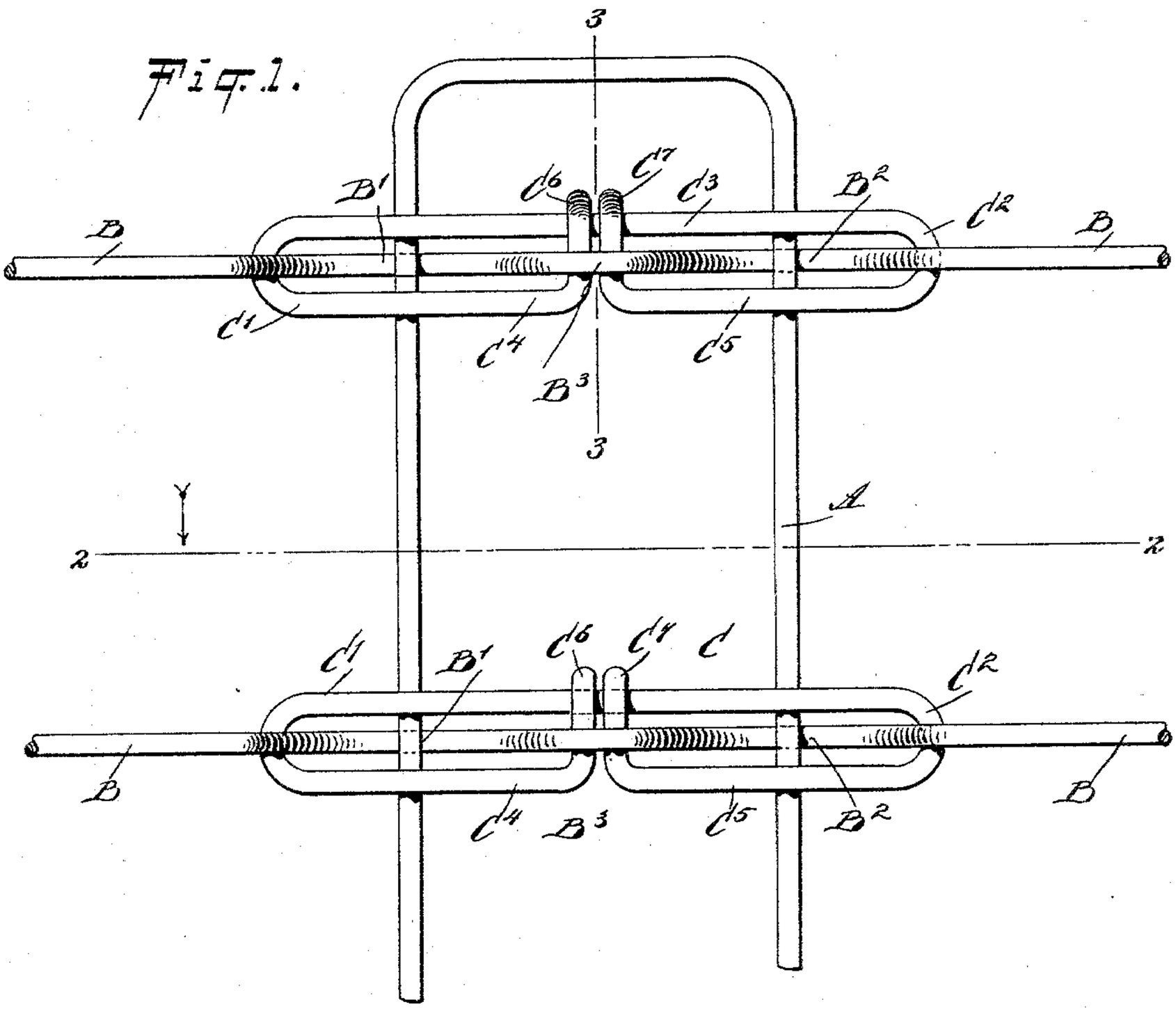


Fig. 2.

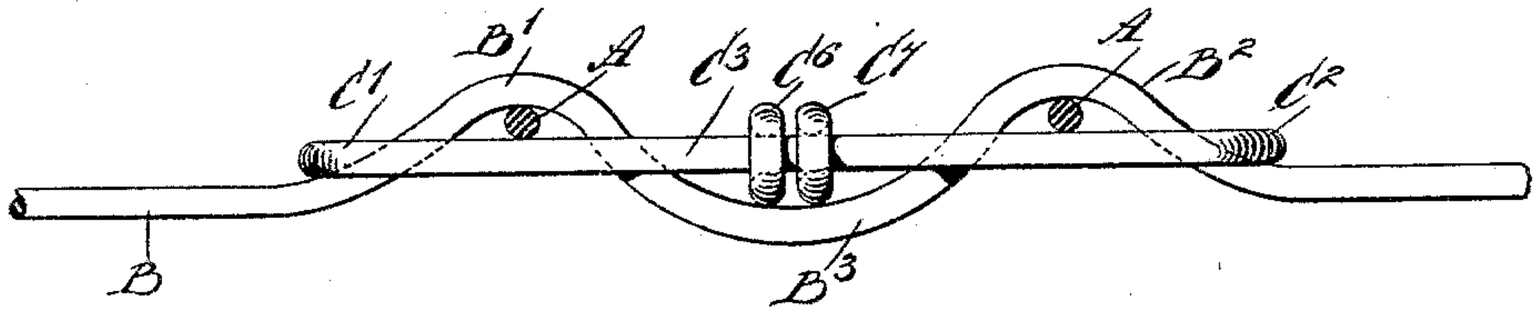
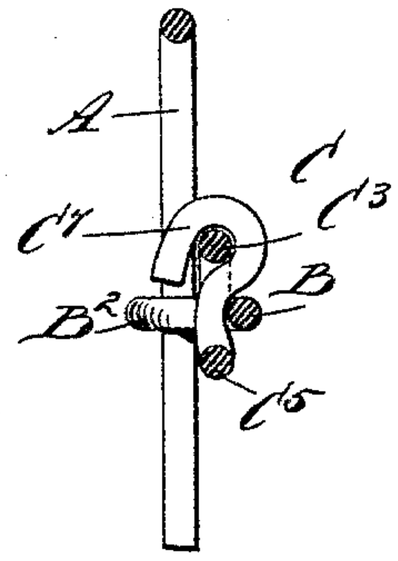


Fig. 3.



WITNESSES:

William P. Goebel.

Rudy. Howard

INVENTOR

E. M. Kopka.

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

EMIL M. KOPKA, OF ADRIAN, MICHIGAN.

FENCE.

SPECIFICATION forming part of Letters Patent No. 597,583, dated January 18, 1898.

Application filed April 22, 1897. Serial No. 633,346. (No model.)

To all whom it may concern:

Be it known that I, EMIL M. KOPKA, of Adrian, in the county of Lenawee and State of Michigan, have invented new and useful Improvements in Fences, of which the following is a full, clear, and exact description.

The invention relates to wire fences; and its object is to provide new and useful improvements in fences whereby the horizontal or strand wires are securely fastened to the posts or pickets and ample provision is made to allow proper expansion and contraction of the strand-wires without damage to the posts.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the improvement. Fig. 2 is a sectional plan view of the same on the line 2 2 of Fig. 1, and Fig. 3 is a transverse section on the line 3 3 of Fig. 1.

The wire fence is provided with the usual pickets or posts A, formed by doubling up a piece of wire to form two vertical members, as illustrated in the drawings. The horizontal or strand wires B are adapted to be fastened to the posts or pickets A by locks C, each of which is preferably made of a single piece of steel or spring wire bent to form two loops C' C^2, having the member C^3 common to both loops and the other members C^4 C^5, formed at their inner or adjacent ends with transversely-extending hooks C^6 C^7, respectively adapted to hook upon the member C^3. The lock C thus formed is placed against one side of the post or picket A, so that the ends of the loops project a suitable distance beyond the two vertical members of the post, and the corresponding strand-wire is passed through one end loop, say C', and then bent over the rear side of the first member of the post A, and then bent around the front of the shanks of the hooks C^6 C^7, and then bent around over the rear side of the second member of the post A and passed through the other loop C^2, and then along the line. Thus the strand-wire is formed with three bends or undulations B', B^2, and B^3, of which the bends B' and B^2 engage the members of the post and the middle bend B^3 passes over the shanks of the hooks C^6 C^7.

Now it will be seen that by the arrangement described the strand-wire can readily expand and contract without affecting the position of the post A, and at the same time the strand-wire is securely fastened in place on the post by the lock C.

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

1. The combination with the picket, and the strand-wire formed with three bends and engaging the picket on one side; of the lock engaging the other side of the picket and formed with end loops and transverse hooks engaging the member common to both loops, said loops and hooks engaging the bent portion of said strand-wire on the side opposite the side engaging said picket, as and for the purpose set forth.

2. A wire fence comprising pickets, strand-wires formed with three bends at each post, and a lock made of a single piece of spring-wire bent to form end loops, and transverse hooks, the strand-wire extending through the said loops around the post and around the said hooks, substantially as shown and described.

EMIL M. KOPKA.

Witnesses:
CHAS. R. EWENS,
A. L. BLISS.