

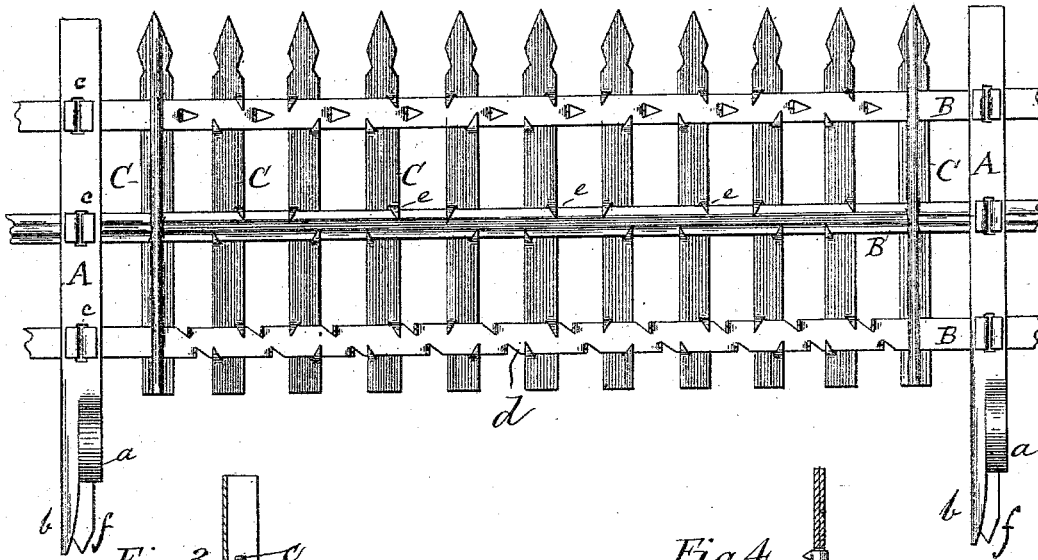
(No Model.)

H. CORDTZ.  
METALLIC FENCE.

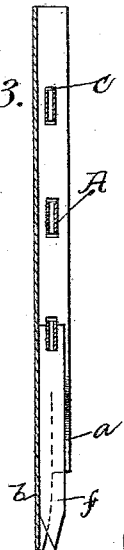
No. 303,126.

Patented Aug. 5, 1884.

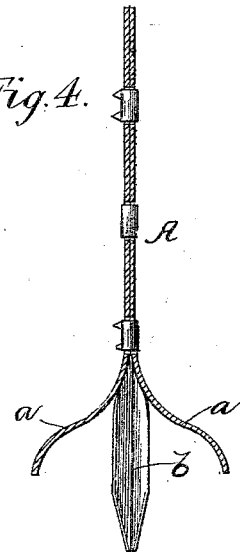
*Fig. 1.*



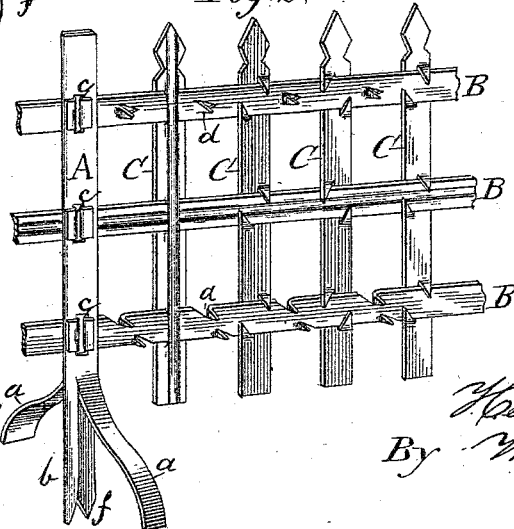
*Fig. 3.*



*Fig. 4.*



*Fig. 2.*



Witnesses.

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# UNITED STATES PATENT OFFICE.

HENRY CORDTZ, OF CHICAGO, ILLINOIS.

## METALLIC FENCE.

SPECIFICATION forming part of Letters Patent No. 303,126, dated August 5, 1884.

Application filed January 23, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY CORDTZ, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Metallic Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to certain improvements in the construction of fences.

The object of the invention is to obtain a simple, cheap, and ornamental fence, which at the same time will prove strong and durable.

To the accomplishment of the above end the invention consists of the combination of certain of the parts, as will be described and claimed.

Reference will be made to the accompanying drawings, in which Figure 1 is a front elevation of a section of fence constructed in accordance with my invention; Fig. 2, a view in perspective of part thereof, and Figs. 3 and 4 sectional detail views of parts of the same.

Like letters refer to like parts in each view.

A represents the fence-posts, which are preferably constructed of sheet-iron, and are formed of a single sheet of that material bent its entire length, as shown. At a suitable point from its lower end the sheet is split to form radiating arms *a*, which, when the post is in position, rest upon the ground. The remaining portion, *b*, is preferably sharpened or pointed, as shown, and is driven into the ground to render the post steady. At suitable points in posts A slits *c* are formed, into which the ends of the rails or cross-pieces B are inserted, and bent over or overlapped to secure them in place, as shown in the drawings, Figs. 1 and 2. The center cross-piece I prefer to form perfectly plain, as shown, while the sheets of iron, of which the top and bottom pieces are formed, are stamped out to form the barbs *d*, these barbs being formed from the body of the metal or on the edges thereof, as shown.

In the further construction of my fence I employ, preferably, two kinds of pickets. The

first pickets, C, or those nearest the posts on each side, I prefer to form of strips of sheet metal, formed with suitable loops, through which the cross-pieces B are passed, as shown, while the remaining pickets are composed each of a strip of sheet metal, from either edge of which prongs *e* are punched, said prongs being formed at suitable points to overlap the cross-pieces B and hold the parts in position.

It will be understood that pickets constructed as last described may be used to the exclusion of those provided with loops, or that where cross-pieces similar to the center one herewith shown are used those with loops may be used throughout. To further strengthen the base of the posts pointed strips *f* are used, said strips being inserted between the two thicknesses of the post, and being held in position by passing the ends of the bottom cross-pieces through openings formed near the upper ends of said strips, at the same time said cross-pieces are passed through the slit formed in the post for that purpose.

I am aware that it is not new to split the lower end of a fence-post to form arms adapted to spread out upon being driven into the ground, and therefore I lay no claim to such a construction.

What I claim as new is—

1. The post A, formed of a single strip of sheet metal bent as described, and formed with radiating arms *a* and straight pointed end *b*, arms *a* adapted to rest upon the ground and end *b* adapted to enter the ground, as and for the purpose set forth.

2. The sheet-metal posts A, provided with slits *c*, radiating arms *a*, and pointed ends *b*, in combination with cross-pieces B and pointed strips *f*, the cross-pieces being passed through the posts and strips *f*, and overlapped, as described.

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

HENRY CORDTZ.

Witnesses:

M. J. CLAGETT,  
LOUIS NOLTING.