

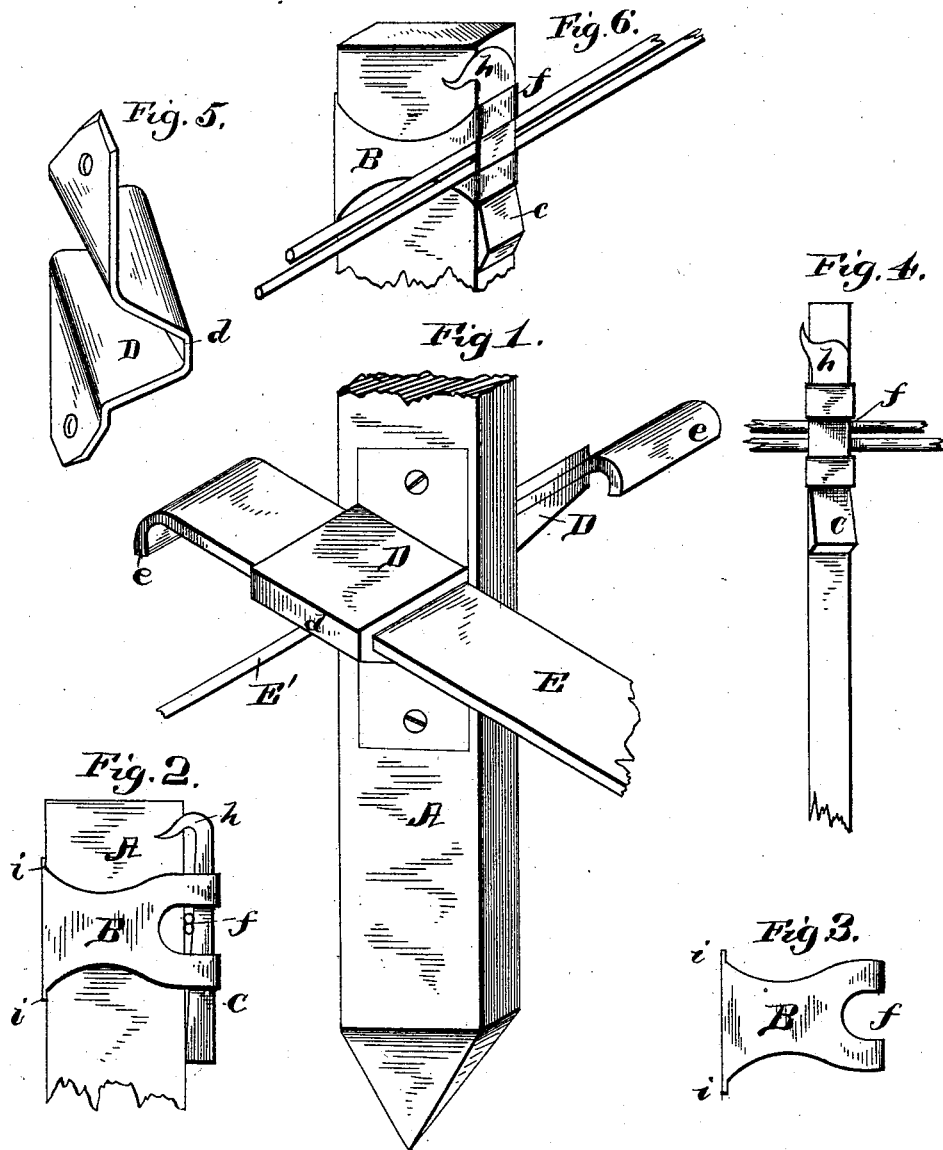
(No Model.)

J. W. DAVY.

FENCE POST.

No. 381,873.

Patented Apr. 24, 1888.



Witnesses,  
E. C. Duffy.  
J. B. McGinn.

Inventor,  
John W. Davy.  
By his Attorney E. C. Duffy

# UNITED STATES PATENT OFFICE.

JOHN W. DAVY, OF KINGSTON, ONTARIO, CANADA, ASSIGNOR TO THE  
EXCELSIOR IRON FENCE COMPANY, (LIMITED,) OF SAME PLACE.

## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 381,873, dated April 24, 1888.

Application filed January 31, 1888. Serial No. 262,498. (No model.) Patented in Canada November 7, 1884, No. 20,520.

*To all whom it may concern:*

Be it known that I, JOHN WESLEY DAVY, of Kingston, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in Fence-Posts; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 of reference marked thereon, which form part of this specification, (the same having been patented in the Dominion of Canada, November 7, 1884, No. 20,520.)

My invention relates to an improvement in fence-posts and their attachments, and more particularly to devices of the above-mentioned class, which are adapted for use in connection with wire fences or the like.

The object of my invention is to provide a fence-post which can be quickly and firmly secured in position ready for use, and which shall be cheap to manufacture, extremely durable and lasting when put to use, and which is provided with improved means for securely and firmly holding the wires in position.

A further object is to provide a metal fence-post adapted to be driven into the ground and provided with a base consisting of anchor-braces held in a slanting position by means of diagonal loops or bends secured upon the fence-post; and a further object is to provide the post with a clip or collar for holding the wires, said clip being provided with a slot in one edge to receive the wire, and a wedge which is adapted to be driven between the edge or end of the collar or clip and the wire and firmly clamp the wire against the metallic post.

With these ends in view my invention consists in certain novel features of construction and combinations of parts described hereinafter, and particularly pointed out in the claims.

Referring to the accompanying drawings, Figure 1 is a perspective view of a fence-post, showing the base and wire-supporting clip or collar in position upon the post. Fig. 2 is a side elevation of a portion of the post, showing the clip or collar, the holding-wedge, and the wire. Fig. 3 is a detached side elevation

of the clip or collar. Fig. 4 is an edge view of the post, clip, and attachments; and Fig. 5 is a perspective view of the metallic band provided with the diagonal loop or slot through which the anchor-braces pass. Fig. 6 is a sectional view of a post, showing the clip or collar.

In the drawings, the reference-letter A represents a fence-post, preferably formed of flat bar-iron or other suitable metal, and having its lower end wedge-shaped, as shown, whereby the post is more readily driven into the ground. Near its lower portion the post is provided with metallic brace supporting straps or bands D, which are bolted to each flat side of the post and provided near their center portion with diagonally-inclined loops *d*, which are adapted to hold the anchor-braces E, which together form a support or base for the post.

Each strap D is preferably formed from a flat piece of metal, which is provided near its opposite ends with apertures for the admission of bolts, and near its central portion with a loop, *d*, which projects laterally from the body portion of the metallic strap in an oblique or diagonal plane, so that when an anchor-brace is driven through the slot or loop it will enter the ground in an oblique or inclined position. The brace-supporting straps can be cast integral or stamped out of flat bar metal, as desired.

Each post is preferably provided with two of the brace-supporting bands, which are placed upon the opposite flat sides of the post, with their inclined or oblique loops extending outwardly and inclined downwardly in opposite directions, so that when the braces are driven through them they will enter the ground upon opposite sides of the post shown in Fig. 1.

The anchor-braces E are preferably formed of flat bar metal and of such size as to readily slide through the oblique loops of the brace-supporting bends upon the opposite sides of the fence-post, and said brace are provided upon their upper ends with the heads or flanges *e*, which prevent the brace from sliding through the loop after it has been driven into the ground, and the heads also prevent the brace from becoming broken and worn by hammering upon its end.

The brace-supporting bends are preferably secured to the post by means of bolts or the like, which pass through the body of the post and the apertures in the body portions of the bands upon the opposite sides of the post.

Upon the upper portion of the post are located the wire supporting clips or collars B, which are preferably composed of flat metal and are made in the form of a collar or sleeve to slip over, embrace, and slide upon the post until secured in the desired position. The wire-supporting clip is made slightly longer than the width of the post, and is provided at one of its ends with a transverse wire-holding slot, *f*, which extends across the end piece of the clip and down a short distance into the sides of the clip, as shown, so that when the wire passes through the slot it will bear against the edge of the post when the clip is clamped in position.

C represents a clamping-wedge, preferably formed of soft metal, and is adapted to be inserted from the bottom and driven upwardly between the slotted end of the clip and the wire, and thus firmly clamp the wire against the edge of the post, and when the wedge is driven in as far as desirable its small end *h* can be clinched or bent, as shown, thus forming a solid lock between the post, clip, wire, and wedge. The end of the clip which bears upon the opposite edge of the post is provided with the projections *i i'*, which extend upwardly and downwardly from the opposite edges of the end of the clip, as shown. These projections assist in holding the clip firmly in position on the post and resist the pressure of the wedge upon the opposite side.

It is clearly evident that numerous slight changes might be made in the form and ar-

rangement of the various parts described without departing from the spirit and scope of my invention; hence I do not wish to limit myself to the construction herein set forth, but consider myself entitled to all such slight changes.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. As an improved article of manufacture, the herein-described brace-supporting strap, consisting, essentially, of a flat body portion, with apertures near its opposite ends for the admission of bolts or the like, and provided near its center with a laterally-projecting diagonally-inclined loop adapted to receive and hold in an inclined position an anchor-brace, as set forth.

2. The combination, with a fence-post and a wire or the like, of a wire-supporting clip constructed in the form of a sleeve to embrace the post, and provided with upwardly and downwardly extending projections or arms upon one end and with a horizontal transverse wire-holding slot in its opposite end, said slot extending a short distance into the sides of the clip, and a wedge driven between the slotted end of the clip and the wire and firmly locking the wire against the post, said wedge being adapted to have its small end clinched or bent, thereby holding it rigidly in position, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

J. W. DAVY.

Witnesses:

JOHN MCINTYRE,  
D. M. MCINTYRE.

Correction in Letters Patent No. 381,873.

It is hereby certified that the name of the assignee in Letters Patent No. 381,873, granted April 24, 1888, upon the application of John W. Davy, of Kingston, Ontario, Canada, for an improvement in "Fence-Posts," was erroneously written and printed "The Excelsior Iron Fence Company (Limited)," whereas said name should have been written and printed *The Davy Excelsior Iron Fence Company, (Limited)*; and that the Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 8th day of May, A. D. 1888.

[SEAL.]

D. L. HAWKINS,  
*Assistant Secretary of the Interior.*

Countersigned:

BENTON J. HALL,  
*Commissioner of Patents.*