

No. 758,046.

PATENTED APR. 26, 1904.

G. BRONSON.
FENCE.

APPLICATION FILED MAR. 11, 1903.

NO MODEL.

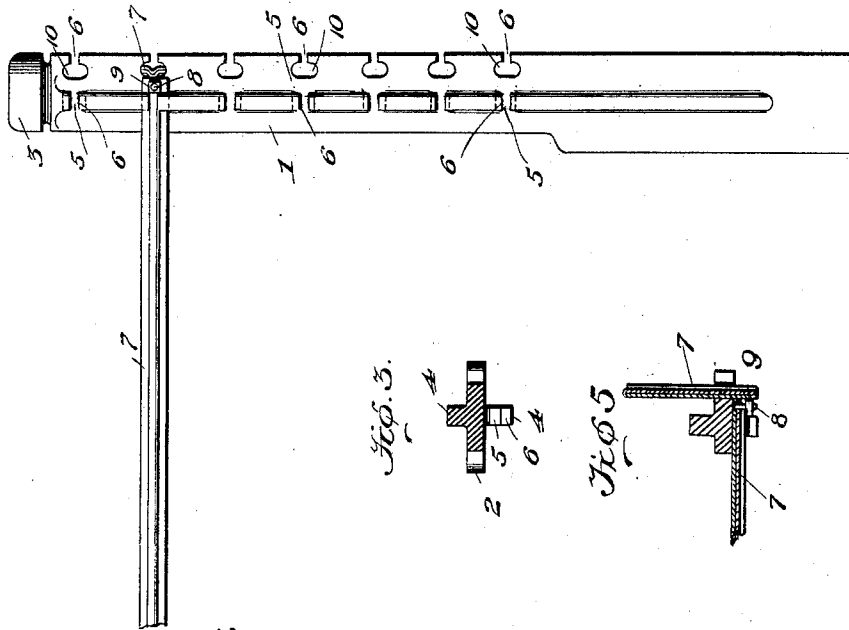


Fig. 4.

Fig. 3.

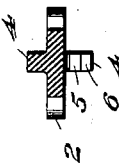


Fig. 5.

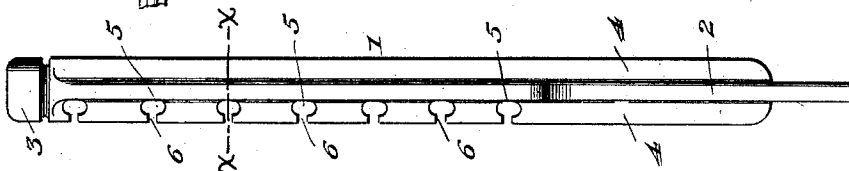
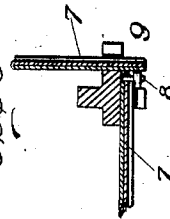


Fig. 2.

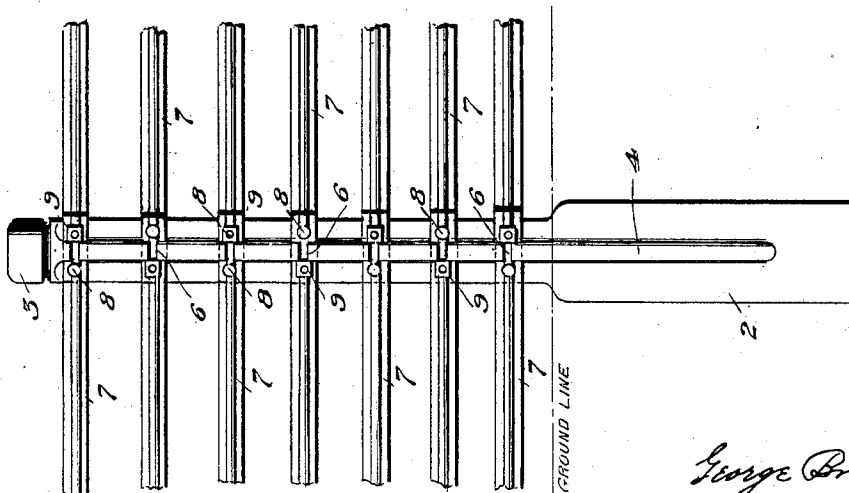


Fig. 1.

WITNESSES:

John E. Carroll
Walter B. Beale

George Bronson
INVENTOR

BY *P. R. Carroll*
ATTORNEY

UNITED STATES PATENT OFFICE.

GEORGE BRONSON, OF SEATTLE, WASHINGTON.

FENCE.

SPECIFICATION forming part of Letters Patent No. 758,046, dated April 26, 1904.

Application filed March 11, 1903. Serial No. 147,247. (No model.)

To all whom it may concern:

Be it known that I, GEORGE BRONSON, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to new and useful improvements in fences; and its object, among other things, is to employ a strong and inexpensive post formed of a single piece of metal and provided with means whereby the rails may be held spaced apart and prevented from becoming accidentally displaced.

With the above and other objects in view the invention consists in the novel construction and combination of parts hereinafter more fully described and claimed and illustrated in the accompanying drawings, showing the preferred form of my invention, in which—

Figure 1 is an elevation of a fence constructed in accordance with my invention. Fig. 2 is a detail view of a post detached. Fig. 3 is a transverse section through the post on the line *xx* of Fig. 2. Fig. 4 is a detail view of one of the corner-posts, and Fig. 5 is a sectional plan view of the corner-post and rails.

Referring to the figures by numerals of reference, 1 is a flat steel post of suitable length having a broad base 2 and a head 3 of suitable form. The post is provided on opposite sides with longitudinally-extending ribs 4, one of which is provided with a series of apertures 5, extending transversely therethrough at suitable distances apart. These apertures communicate with slots 6, extending inward from the outer edge of the rib, and are adapted to receive the ends of a plurality of rails 7 of suitable construction. These rails on their obverse sides are each provided with a longitudinally-extending rib and upon their reverse sides with a corresponding groove, which is adapted to receive the rib of that portion of the adjacent rail which underlaps it, whereby the rails are held against lateral movement with respect to each other. The ends of these rails are preferably provided with apertures, preferably two in number, which are equal distances apart and are adapted when the rails

are in position to lie at opposite sides of the rib 4 through which said rails project. Bolts 8 are then passed through the apertures in the overlapping ends of the rails and are secured in position by means of nuts 9, which also serve to prevent longitudinal movement of the rails by engaging either side of the apertured ribs 4.

When the parts herein referred to have been assembled as described, it will be seen that a continuous and practically solid fence is obtained.

The corner-posts to be used with this fence are substantially similar to the posts above described. These posts, as shown in Fig. 4, are provided, in addition to the slotted ribs 4, with apertures 10, formed within one edge of the post. These apertures 10 are at a greater distance laterally from the longitudinal center of the post than are the apertures 5, so that the ends of the rails projecting through the apertures 5 about the ends of the rails projecting through the apertures 10, and thereby are prevented from longitudinal movement in one direction, a bolt and nut 8 9 or other suitable fastening means preventing longitudinal movement in the opposite direction. By means of this arrangement it will be seen that the rails extending in the two directions at the corner of the fence can be securely held in position as hereinbefore described in connection with the posts 1.

In the foregoing description I have shown the preferred form of my invention; but I do not wish to limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

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

1. In a fence, the combination with a post, the ribs provided with apertures, which apertures in one rib are located at a greater distance from the longitudinal center of the post than are the apertures in the adjoining rib, rails received in the apertures, fastening means secured on the end of the rail protruding

through the aperture to prevent movement in one direction the ends of adjoining rails abutting each other to prevent movement thereof in the opposite direction.

- 5 2. In a fence, the combination with a post provided with apertures and inwardly-extending slots communicating with the apertures, of a series of ribbed rails, the adjacent ends of which overlap and are received in the apertures in the post, the rails being of larger area
10 than the area of the slots, the ribs of the outermost rails received and fitting in the slots, and means for securing the adjacent ends of the rails together and also against longitudinal
15 movement.

3. In a fence, the combination with a post

provided with apertures and inwardly-extending slots communicating therewith, of a plurality of ribbed and grooved rails, the adjacent ends of which overlap and are received in and protrude through the apertures in the post, the ribs of the underlapping rails received and fitting in the grooves in the overlapping rails and means for securing the rails against longitudinal movement. 20 25

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

GEORGE BRONSON.

Witnesses:

JOHN E. CARROLL,
WALTER B. BEALS.