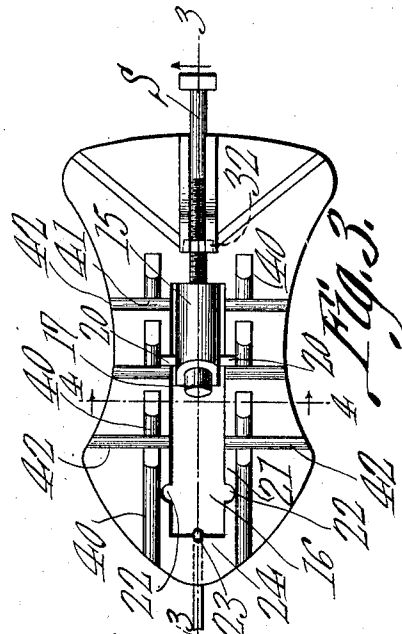
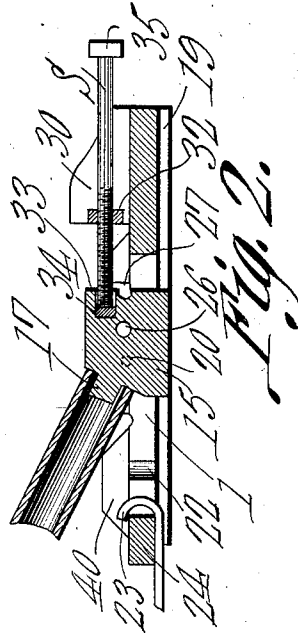
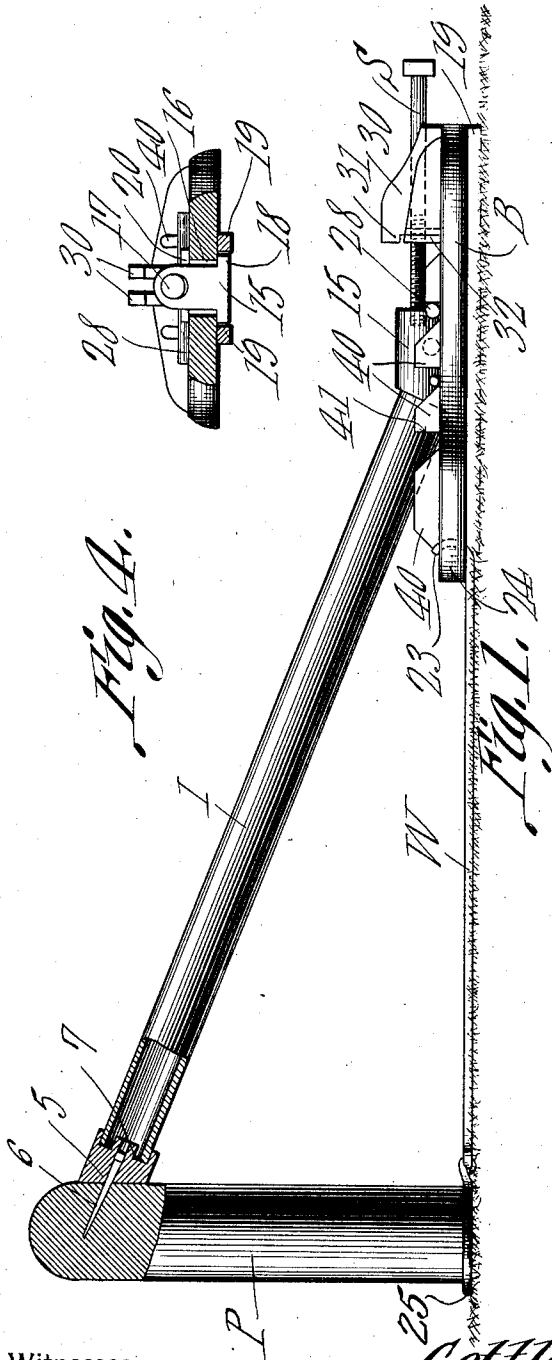


G. SCHNEIDER.
FENCE POST BRACE.
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1,003,520.

Patented Sept. 19, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

GOTTLEIB SCHNEIDER, OF BLUFFTON, INDIANA.

FENCE-POST BRACE.

1,003,520.

Specification of Letters Patent. Patented Sept. 19, 1911.

Application filed February 13, 1911. Serial No. 608,318.

To all whom it may concern:

Be it known that I, GOTTLEIB SCHNEIDER, a citizen of the United States, residing at Bluffton, in the county of Wells and State of Indiana, have invented a new and useful Fence-Post Brace, of which the following is a specification.

This invention relates to fences, and more especially to the posts thereof; and the object of the same is to produce an improved brace for temporary or permanent use in holding in vertical position a fence post at the end of a stretch of fencing, as at either side of a gateway or at the corner of a field. This object is accomplished by the construction hereinafter more fully described and claimed, and as shown in the drawings wherein—

Figure 1 is a side elevation of this improved brace complete, showing its upper end partly in section. Fig. 2 is a central longitudinal section through the base plate and the members thereof. Fig. 3 is a plan view of the base plate and its members. Fig. 4 is a cross section on the line 4—4 of Fig. 3.

In the drawings the letter P designates a fence post seated in the ground, and B is the base of a bracing device intened to lie upon the ground at some distance from the post and be connected therewith by a wire W. The letter I designates an inclined brace leading obliquely downward from a point near the top of the post to the base B, and S is a screw by means of which the lower end of this brace is pushed forward toward the post. The details of construction of these various parts form the essence of my present invention, and will now be described.

The numeral 5 designates a cup secured to the post by a nail or screw 6 passing axially through the bottom of the cup into the post as shown, and interiorly this cup may have a central plug 7 somewhat smaller than the wall of the cup so that it will center the upper end of an inclined tubular brace I which is preferably a piece of metallic piping, even though the latter be somewhat smaller than shown. The lower end of this piping surrounds a plug 17 extending obliquely upward from the front end of a block 15 which slides upon the base B, and the specific manner of mounting and holding and adjusting this block will now be set forth. By preference the body of the block

longitudinally in the base, and has an enlarged head 18 at its lower end which moves between ribs 19 formed on the lower face of the base and which rests upon the ground or is embedded in the ground slightly; and this structure prevents the block from rising out of place. Transversely through the body of the block is secured a pin 20 whose extremities slide upon shoulders 21 formed on the upper face of the base B at either side of the slot 16; and by this means the block is prevented from falling out of the base. Said shoulders are notched near their front ends as at 22 in Fig. 4, so that when the block is moved forward in the slot 16 the extremities of its pin 20 may be passed downward through said notch to remove the block from engagement with the base. A hook 23 at the rear end of the wire W engages the closed front end 24 of the slot 16, and hence the base may be disconnected from this wire when desired. The other end of the wire is secured around the post P in any suitable manner, as by the loop 25. Transversely through the block 15 are formed one or more holes 26, and possibly a notch 27 is formed across its rear end; and the numeral 28 in Fig. 4 designates a large rod or bar, somewhat longer than the pin 20, adapted to be inserted through one of said holes 26 or to extend across the notch 27 with its extremities leading outward onto the sides of the base beyond the slot 16 therein. My preferred means for adjusting said block forward consists in mounting the screw S in such a way upon the base that it may be removed therefrom. Rising from the base at either side of the rear end of the slot 16 is a hook 30, beneath whose bill 31 stands a nut 32 extending across the space between these hooks, and the screw lies in such space and passes through such nut. Its front end enters a socket 33 formed in the back of the block 15, and preferably bears against a metal plate 34 seated in said socket so as to take up the wear of the end of the screw as the latter is rotated. This is accomplished by any approved means, as by applying a wrench to the squared end or head 35 of the screw. It is obvious that when the latter is turned to the right the block 15 will be pushed forward, its pin 20 sliding upon the shoulders 21, and this action will cause the inclined brace I to push to the left the post P as illustrated in Fig. 1. After the post

has been set up as straight as desired and the block has reached the forward limit of its movement, I insert the bar 28 and make use of the fastening means which will now be described.

5 Rising from the face of the base B at either side of its slot 16 is a series of projections 40, each preferably having a vertical front face 41, and if desired the upper
10 face of the base may be transversely grooved as at 42 just across the front faces of the projections 40 as best seen in Fig. 3. The bar 28 when inserted through one of the
15 holes 26 or across the notch 27, will extend in a groove 42 if grooves be provided, and it will be clear that this bar while thus engaging the projections 40 will prevent the block
20 15 from being pushed to the rear by the strain of the fencing as it is brought upon the post, while the pin 20 which is nearer the front end of the block and rests upon said shoulders 21, prevents the block from
25 tilting under the strain. Thereafter the screw may be removed, and this is accomplished by rotating it to the left until its tip is drawn out of the socket 33, then pushing the screw and its nut 32 forward, and then
30 raising both the screw and the nut from the slot between the hooks 30. By this means I remove from the device the screw and its nut which are the only members that need be neatly constructed, the remaining parts being by preference of rough metal casting
35 so as to be easily and cheaply made.

It is obvious that this device may be used as a fence tightener, because after an inclined post has been straightened up and a permanent brace put in place to hold it
40 there, the entire device above described can be removed and used at another point.

What is claimed is:

1. In a fence post brace, the combination with a block having transverse openings in
45 its body and a plug at its front end, a pin fixed through the forward part of the block with its extremities projecting to both sides thereof, an inclined tubular brace whose lower end engages said block and whose upper
50 end abuts against the post to be tightened, and a screw for adjusting said block; of a base having a longitudinal slot in its body closed at both ends, connections between the front end of said slot and a fixed
55 object, a nut carried by the rear end of the base and through which said screw is threaded, projections rising from the base at either side of the slot and more remote from each other than the length of said pin, and a bar
60 longer than the pin and removably inserted through one of said openings in the block with its extremities engaging a pair of said projections.

2. The herein described fence post brace
65 tightener, the same comprising a base hav-

ing a longitudinal slot through its body closed at both ends, ribs depending from the base along the sides of said slot, means for holding the base stationary, a nut carried by its rear end, and a screw taking
70 through said nut; combined with a brace, a block whose upright body moves in said slot and is adapted to be pressed against the lower end of the brace by tightening up said screw, said body having transverse openings
75 through it, a head at the lower end of the body wider than said slot, projections rising from the base and spaced from either side of the slot so as to leave shoulders next adjacent the latter, the upper face of the base
80 being transversely grooved at points just forward of said projections, the walls of said slot having upright notches near its front end, a pin fixed through the body of the block and adapted to rest on said shoulders
85 or to drop through said notches, and a bar removably engaging one of the openings in the block and adapted to be engaged in front of a pair of said projections and to lie in one of the grooves.

3. The herein described fence post brace
90 tightener, the same comprising a base having a longitudinal slot through its body closed at both ends, ribs depending from the base along the sides of said slot, means
95 for holding the base stationary, a nut carried by its rear end, and a screw taking through said nut; combined with a brace, a block whose upright body moves in said slot and is adapted to be pressed against the
100 lower end of the brace by tightening up said screw, said body having transverse openings through it, a head at the lower end of said base wider than said slot, projections rising from the body and spaced from either
105 side of the slot so as to leave shoulders next adjacent the latter, the walls of said slot having upright notches near its front end, a pin fixed through the block and adapted to rest on said shoulders or to drop through
110 said notches, and a bar removably engaging one of the openings in the block and adapted to be engaged in front of one pair of said projections.

4. The herein described fence post brace
115 tightener, the same comprising a base having a longitudinal slot through its body closed at both ends, means for holding the base stationary, a nut carried by its rear end, and a screw taking through said nut;
120 combined with a brace, a block whose upright body moves in said slot and is adapted to be pressed against the lower end of the brace by tightening up said screw, said body having transverse openings through it, a
125 head at the lower end of the body wider than said slot, projections rising from the base and spaced from either side of the slot so as to leave shoulders next adjacent the latter, the walls of said slot having upright
130

notches near its front end, a pin fixed through the block and adapted to rest on said shoulders or to drop through said notches, and a bar removably engaging one
5 of the openings in the block adapted to be engaged in front of one pair of said projections.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GOTTLEIB SCHNEIDER.

Witnesses:

FRANK M. McFADDEN,
JOHN MOCK.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
