

L. F. TISSOT.
BRACE FOR FENCES.
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906,171.

Patented Dec. 8, 1908.

Fig. 1.

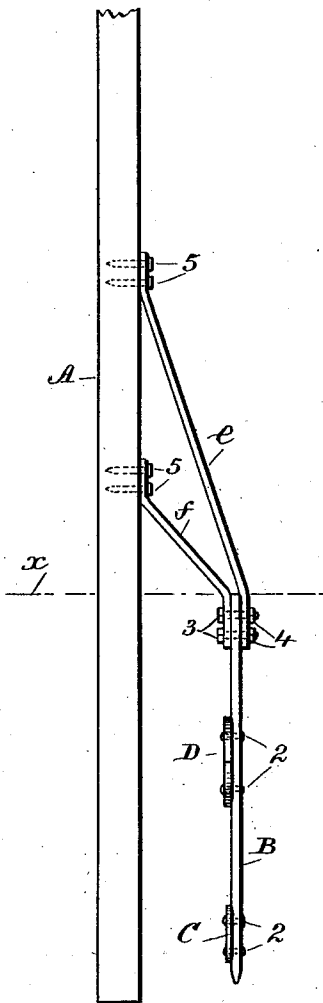


Fig. 2.

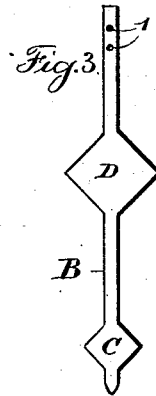
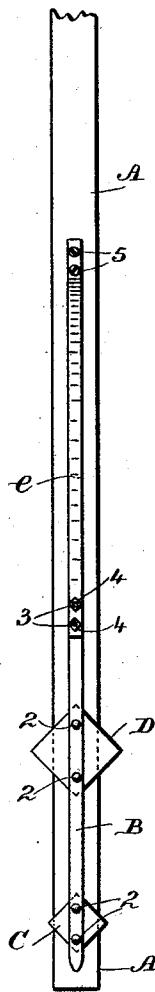
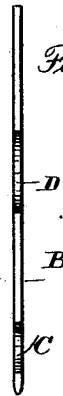


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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BRACE FOR FENCES.

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To all whom it may concern:

Be it known that I, LOUIS F. TISSOT, a citizen of the United States, residing at the borough of Brooklyn, in the county of Kings, city and State of New York, have invented an Improvement in Braces for Fences, of which the following is a specification.

My invention relates to auxiliary support devices for fences of different construction, but is particularly adapted for use upon fences constructed entirely of wood. In such character of fences the posts buried in the ground are subjected to the ravages of insects, and the alternating influences of moisture and dryness, and they quickly rot or decay, thus causing the fence to lose its upright position and finally fall.

The object of my invention is to obviate this difficulty and prolong the usefulness of the fence, and my invention consists in a stake provided with peculiarly shaped anchor plates adapted to be driven into the ground at a suitable distance from the fence and having attached to its upper end one or more brace rods, the free ends of which are adapted to be secured to the fence or fence posts.

In the accompanying drawing:—Figure 1 is a side elevation showing the invention attached to a wooden fence post. Fig. 2 is an elevation at right angles to Fig. 1. Fig. 3 is a front view of the stake separately showing the anchor plates integral therewith, and Fig. 4 is a side view of the same.

A represents a wooden post of ordinary character with the lower part buried in the ground, the surface of which the dotted line *x* represents.

B is a stake having a pointed lower end and C D are anchor plates secured to or made integral with the stake B. The stake B and plates C D are preferably of metal, and the plates C D are flat and approximately diamond shaped. The plate C is located at or near the lower pointed end of the stake B and is preferably of smaller dimensions than the plate D, which plate D is located above the plate C. At or near the upper end of the stake B one or more bolt holes 1 are provided. The anchor plates C D may be attached to the stake B by rivets 2 as shown in Figs. 1 and 2, or they may be made integral therewith as shown in Figs. 3 and 4. The lower end of the stake B is pointed and the anchor plates C and D are set for ready penetration owing to their peculiar shape, with their long-

est dimensions in line with the stake. These plates being of comparatively thin metal the same can be easily driven into the ground by blows with a hammer upon the top of the stake, and it is not necessary to first dig a hole for the reception of the stake and anchor plates.

ef are brace rods the respective ends of which are bent at an angle to the body portion and provided with one or more holes for the reception of bolts, screws or nails. One end of each of the brace rods *ef* is attached to the upper end of the stake B by bolts 3 and nuts 4. It will be apparent that only one bolt may be employed if desired. The other ends of the rods *ef* are attached to the fence or fence post as shown in Figs. 1 and 2 by nails or screws 5.

It will be readily understood that the brace rods may be attached to a metal post by screws or bolts and nuts, and that one or more brace rods may be employed as desired.

I am aware that anchor blocks attached to the ends of rods have been buried in the ground and connected with a fence for the purpose of aiding in the support of the same but in such cases the fence posts have been of peculiar construction, and it was necessary to bore or dig a hole in the ground for the reception of the anchor block, and such devices were not applicable to fences of the ordinary character.

The present invention is applicable to the ordinary back-yard wooden fence and can be applied readily thereto; there is no necessity for digging a hole in the ground as the stake carrying the flat pointed anchor plates may easily be driven into the ground, and it will be readily understood that the anchor plates exert great strength in the direction of strain and will materially assist in supporting the fence after the fence posts have decayed below ground. For this reason my invention is particularly adapted to be applied to fences after the posts have partially decayed, whereby the usefulness of the fence may be prolonged without the necessity or expense of new posts.

In applying my invention to a fence I first drive the stake B with its anchor plates C D into the ground the desired distance from the fence leaving the upper part of the stake containing the bolt hole or holes 1 at about the ground line. I then secure one end of the brace rods *ef* to the stake B by the bolts 3 and nuts 4; after this has been done the stake

B may be driven further into the ground so that the brace rods *ef* only will show above the surface; the other ends of the brace rods *ef* are then attached to the fence or fence
5 post. If desired, the stake B may be driven all the way into the ground and the rods *ef* connected to the upper end thereof after making a small hole in the ground around the upper end of the stake B. The brace
10 rods being applied at opposite sides of the stake, the same means may connect both brace rods to said stake.

I claim as my invention:

An auxiliary support for fences, comprising

a stake having a pointed lower end, a flat 15 metal anchor plate secured to said stake at or near its lower end, another fiat metal anchor plate of larger dimensions than said first plate and secured to said stake above said first anchor plate, and brace rods secured at 20 one end to the upper part of said stake and adapted at the other end to be connected to a fence or fence post.

Signed by me this 15th day of June 1908.

LOUIS F. TISSOT.

Witnesses:

GEO. T. PINCKNEY,
E. ZACHARIASEN.