

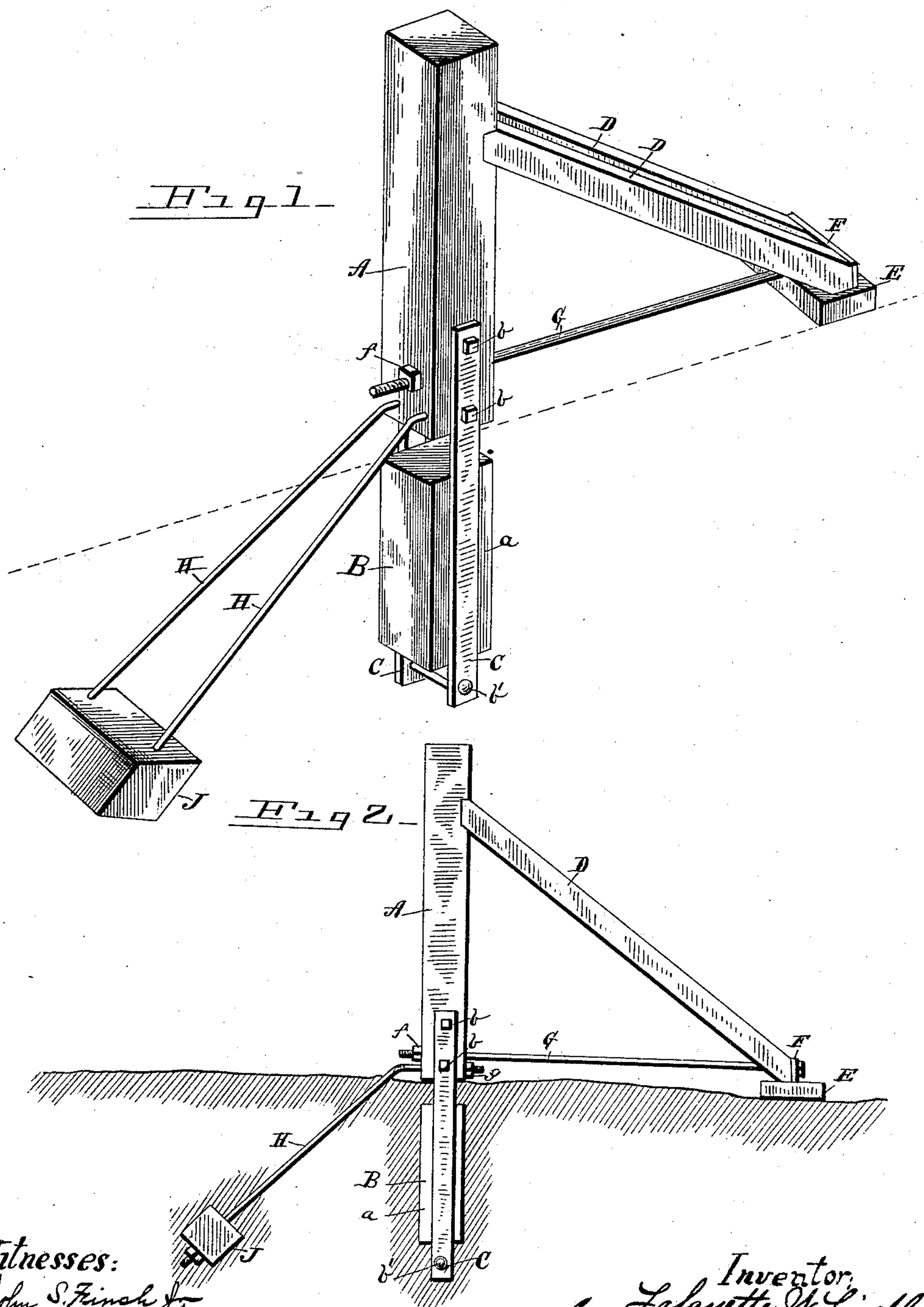
(No Model.)

L. W. LINDLEY.

FENCE POST.

No. 382,992.

Patented May 15, 1888.



Witnesses:

John S. Finch Jr.
Chas. H. Fort.

Inventor,
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Atty.

UNITED STATES PATENT OFFICE.

LAFAYETTE W. LINDLEY, OF LOUISVILLE, KENTUCKY.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 382,992, dated May 15, 1888.

Application filed December 29, 1887. Serial No. 259,330. (No model.)

To all whom it may concern:

Be it known that I, LAFAYETTE W. LINDLEY, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to certain novel improvements in bracing and anchoring the posts of wire fences, whereby the posts are afforded a very solid and substantial foundation and rendered capable of resisting great strain, as will be fully understood from the following description and claims, taken in connection with the annexed drawings, in which—

Figure 1 is a perspective view of a fence post having my improvements applied to it. Fig. 2 is a side elevation of the same, showing the post and its attachments as they appear when erected.

Referring to the annexed drawings by letter, A designates a wooden fence-post, which is preferably square in cross-section and which is the post used at the end of a wire fence. As this post, owing to its location in the fence, is necessarily subjected to great strain, means must be employed which will effectually resist such strain.

B is an anchor-block or foundation of the post A, which block is of stone, manufactured stone, or the like, and it should present two flat sides, *a a*.

C C are strong metal straps, which are securely fastened to the lower part of the post by means of bolts *b b*, and by means of a transverse bolt, *b'*, passed through the lower ends of said straps they are caused to firmly clamp and hold the anchor-block between them. This anchor-block is firmly buried in the ground and the lower end of the post is slightly above the surface of the ground, a space being left between the post and anchor-block, as shown in the annexed drawings.

D D designate two inclined braces, the upper shouldered ends of which are notched into the post A a suitable distance from the ground. The lower ends of these braces rest upon a solid foundation, E, located a suitable distance from the post, and these ends have an

angular form, so that they fit squarely upon said foundation E and squarely against a transverse abutment-plate, F, which is secured to the ends of the braces D and also firmly secured to the post A near its lower end by means of a tie-rod, G, the headed end of which bears against said plate, and the screw-threaded end is passed through the post A and provided with a nut, *f*.

The inclined or diagonal braces D D form, with their tie-rod and the post, a right-angle triangle, which offers great resistance against the strain on the fence-wires to prevent the post from leaning in the direction of the said strain. For the purpose of effectually resisting the strain on the post and its anchor-block and to prevent the post, with its braces, from yielding or creeping in the direction of the strain I employ inclined ties or braces H H, which are suitably secured to an anchor, J, deeply embedded in the ground, as shown clearly in Fig. 2, a suitable distance from the post A. The braces H H extend from the anchor J upward and are passed through the fence-post A near its lower end, and have nuts *g* screwed on their ends.

It will thus be seen that I combine with the fence-post A an underground anchor secured to said post; also, an underground anchor at some distance from the post and secured to it by means of tie-braces, and also above ground inclined braces solidly supported at their outer ends, which latter are rigidly secured to the post by a tie-rod and shoe-plate. These features combined constitute a very substantial structure, which will safely resist great strain produced by the tension on the fence-wires.

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

1. The combination, with a fence-post, of clamping-straps secured on opposite sides of its lower end, an anchor-block between the straps, and a bolt passed through the lower ends of said straps below the anchor-block for firmly clamping this block, substantially as described.

2. The combination of the post perforated transversely at its lower end, the anchor-block, the straps C C, bolted upon opposite

sides of the post and extending down on opposite sides of the anchor-block and adapted to firmly clamp the same, the anchor-block J, embedded in the ground a short distance from
5 the lower end of the post, the inclined brace-
rods H H, connecting the lower end of the post
with the said anchor-block J, the upper ends
of the said rods H H being screw-threaded
and passed through the transverse apertures
10 in the lower end of the post, and the nuts *ff*
upon the upper screw-threaded ends of the
rods H H, as and for the purpose set forth.

3. In a fence-post, the combination of the
post perforated transversely at its lower end,
15 the anchor-block B, the straps C C, bolted
upon opposite sides of the post and extending
down upon opposite sides of the block B and
adapted to clamp the same, the anchor-block
J, embedded in the ground a short distance
20 from the post, the inclined brace-rods H H,

connecting the lower end of the post with the
block J, the upper ends of the said rods H H
being screw-threaded and passed through the
apertures in the lower end of the post, the
tightening-nuts *g g* upon the brace-rods H H, 25
the inclined braces D D, resting against the
upper end of the post upon the opposite side
from the anchor-block J, the block E, placed
under the lower ends of the braces D D, the
perforated plate F, abutting against the lower 30
ends of the braces D D, the horizontal tie-rod
connecting the lower end of the post to the said
abutting plate F, and the nut *f* upon the said
tie-rod, substantially as herein set forth.

In testimony whereof I affix my signature in 35
presence of two witnesses.

LAFAYETTE W. LINDLEY.

Witnesses:

A. H. LACY,
J. S. CORBETT.