

(No Model.)

H. BOEHMKE & G. BOHLKEN.

GROUND AUGER ANCHOR.

No. 315,593.

Patented Apr. 14, 1885.

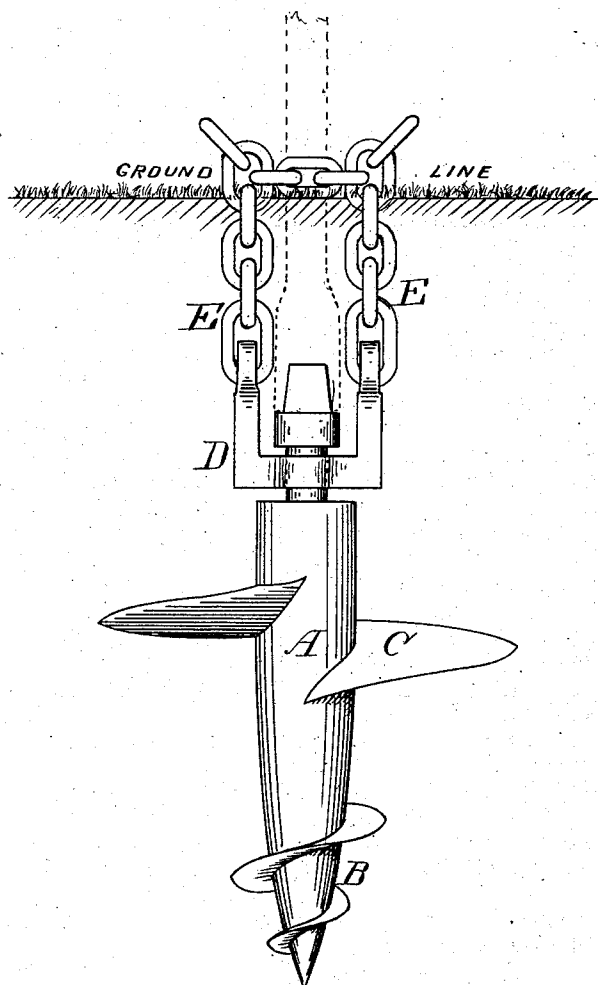


Fig. 1.

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UNITED STATES PATENT OFFICE.

HENRY BOEHMKE AND GERHARD BOHLKEN, OF CLEVELAND, OHIO.

GROUND-AUGER ANCHOR.

SPECIFICATION forming part of Letters Patent No. 315,593, dated April 14, 1885.

Application filed February 19, 1885 (No model.)

To all whom it may concern:

Be it known that we, HENRY BOEHMKE and GERHARD BOHLKEN, of Cleveland, in the county of Cuyahoga and State of Ohio, have
5 invented certain new and useful Improvements in Ground-Auger Anchors, of which the following is a specification.

This invention relates to an anchor to be
10 placed in the ground for the purpose of securing posts, braces, guys, and guy-ropes, or stone bases; and it consists of a pointed pin or spike provided with a gimlet-pointed screw at the lower extremity, and also having a short distance
15 above said gimlet-screw a spiral blade or wings which will work their way into the ground, following said gimlet-screw. To the top of the pin or spike is attached a swivel-loop, to which chains or cords may be attached
20 for securing guy ropes or braces, or the swivel-loop may be dispensed with and the upper end of the pin secured into a hole in the central part or other portion of bases or footings for anchoring them down.

In the accompanying drawing, the figure is
25 a side elevation of the aforesaid anchor as represented in the ground and provided with the swivel-loop and chains for securing guys and the like.

A is a pointed pin or spike, to the lower
30 point of which is attached a gimlet-screw thread, B. A short distance above said gimlet-screw is attached a spiral bladed wing-plate, C, of a diameter about three times that of the screw-spiral. The point of entrance
35 for said wing-plate is on opposite side of the top termination of the gimlet-screw.

To the top of the pin A is placed a swivel-loop, D, the upper arms having eyes, into which are fixed chains or cords E, to which
40 may be attached guy ropes or braces when ever the said anchors are used for securing guys or braces. The top end of the pin A terminates with a square tapering end, upon which a key is placed for turning the anchor
45 when forcing it into the ground.

The manner of inserting this anchor into the
45 ground, as will be readily seen from the foregoing, is by the application of a key to the top of the pin, and by turning the same with force it is screwed into the ground, the gimlet-point
50 cutting its way and drawing downward, the thick-bladed wing following in like manner. The anchor may be thus forced down into the ground as far as may be required, the
55 swivel-loop and the chains or cords following it into the hole made by the body of the pin, leaving the ends of the chains just above the ground, where they may be attached to guys or braces.

Having described our invention, we claim— 60

The herein-described anchor, consisting of
65 the pin or spike A, provided with the gimlet-screw B at the point, and the spiral bladed wings C, and having the swiveled loop D, with cords or chains E, for the purposes specified.

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Witnesses:

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