

No. 728,609.

PATENTED MAY 19, 1903.

L. D. PITCHER.  
GUY ANCHOR.

APPLICATION FILED DEC. 26, 1902.

NO MODEL.

Fig. 2.

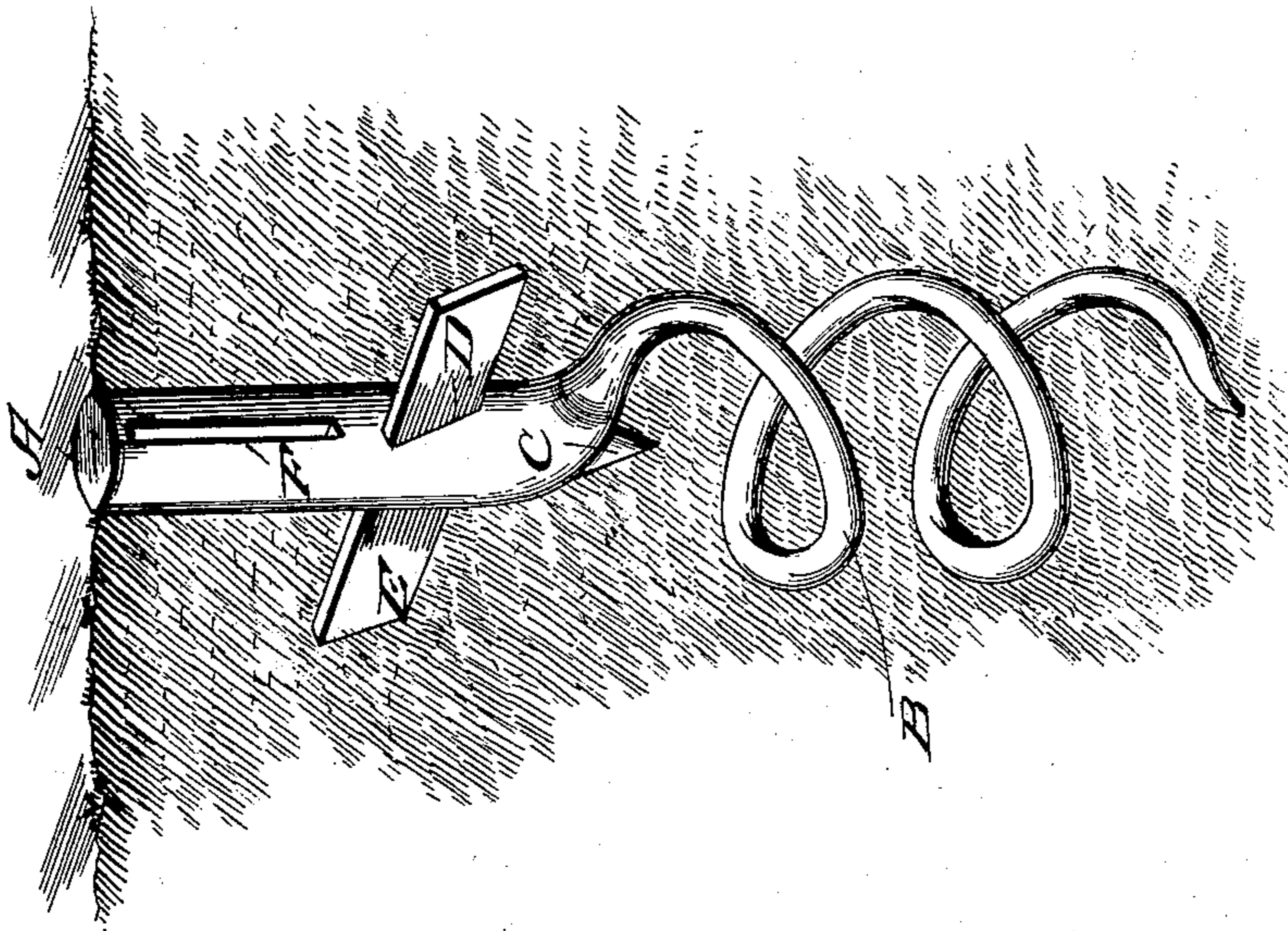
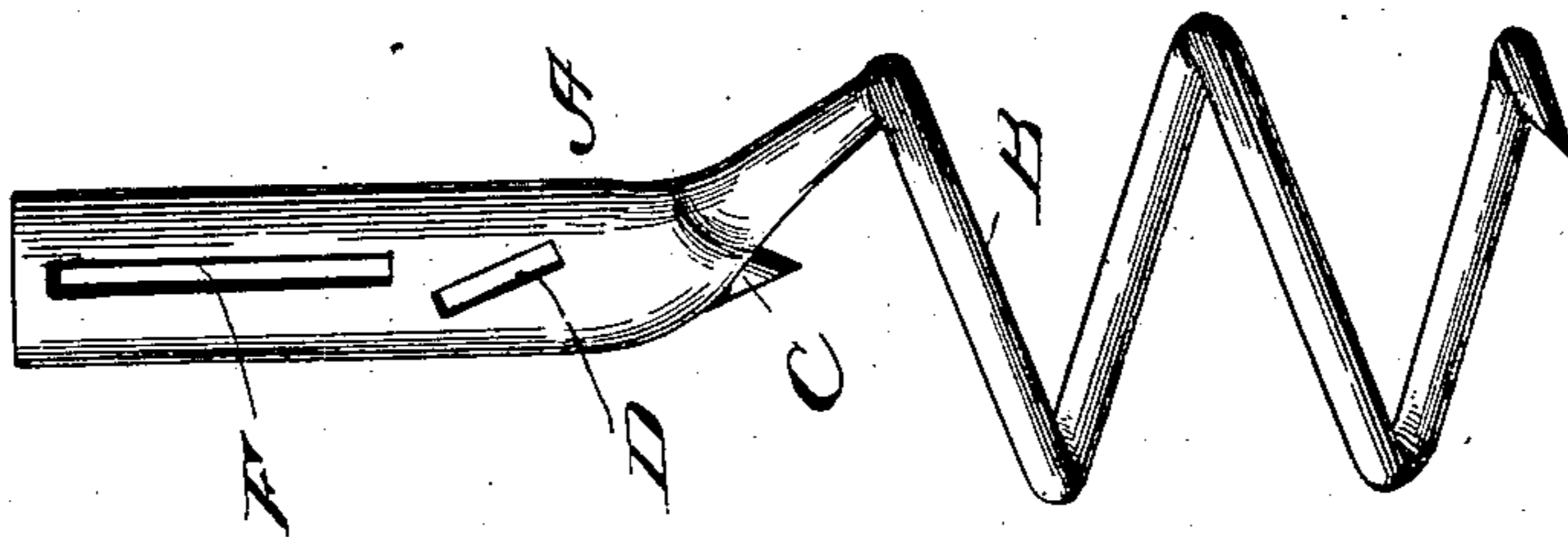


Fig. 1.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

LESTER D. PITCHER, OF DIXON, ILLINOIS.

## GUY-ANCHOR.

SPECIFICATION forming part of Letters Patent No. 728,609, dated May 19, 1903.

Application filed December 26, 1902. Serial No. 136,584. (No model.)

*To all whom it may concern:*

Be it known that I, LESTER D. PITCHER, a citizen of the United States, residing at Dixon, in the county of Lee and State of Illinois, have invented certain new and useful Improvements in Anchors for Guys for Telegraph-Poles and the Like, of which the following is a specification.

My invention relates to improvements in anchors for guys for telegraph-poles and the like, and more particularly to that class that are screwed into the ground.

The object of my invention is to provide a device of this character in which after having been screwed into the ground the backward rotation thereof is prevented, and thus the anchor cannot be withdrawn by an upward pull thereon.

Another object of my invention is to provide a device of this character which is more easily and readily screwed into the ground.

In the accompanying drawings, Figure 1 is a side view of my improved anchor. Fig. 2 is a view showing the anchor after it has been screwed into the ground and the locking lever or bar inserted.

Referring now to the drawings, A represents the body portion of my device, which is preferably an elongated round piece of metal, although it could be made flat, if desired. The lower end of said body portion A consists of a piece of rounded metal B, which is formed into a screw, and by turning the upper body portion A the screw will force itself into the ground similar to that of a corkscrew. At the extreme lower end of said body portion I provide the downwardly-extending pointed stud C, which is adapted to enter the ground and drill an opening for the body portion, as the whole body portion is intended to be under ground when the device is in its operative position, as clearly shown in Fig. 2 of the drawings. It will be understood that any upward strain put upon the device would have a tendency to rotate the body portion, and thus unscrew the same. In order to overcome this difficulty, I provide the body portion with an obliquely-arranged slot D, and after it has been firmly set in the ground I provide a key E, which is a flat elongated bar which is driven through the oblique opening

into the ground. The said slot is so arranged that after the device is in its operative position and the key is driven through the slot any backward rotation of the screw has a tendency to force the bar or key deeper into the ground, and thus it is almost impossible to remove the anchor after the key has been inserted until said key is removed. A slot F is provided in the upper end of the stem portion, as clearly illustrated, into which one end of the bar E may be inserted and used as a lever for screwing the device into the ground until the top of the slot reaches the surface, or, by removing a few inches of earth, the entire device can be screwed below the surface. A narrow trench is then dug adjacent the slots F and D, which permits the bar to be forced through the bottom of the slot F or the oblique slot D for locking the anchor, as above described. The guy-wire is then inserted through the upper end of slot F and secured in any desired manner and the trench filled with earth, thus burying the anchor and lock-bar without disturbing but a small portion of the solid earth, which greatly increases the resistance of the earth, and consequently the strength of the anchor.

While my invention is shown in the drawings in a vertical position, it will be understood by those skilled in the art that the anchor is screwed into the earth at an angle, which is governed by the distance the said device is placed from the pole or object to be guyed.

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

1. An anchor of the character described, comprising a body portion, a downwardly-extending screw adjacent its lower end, the said body portion having an oblique slot therein and a key adapted to be driven through said slot and into the ground, substantially as described.

2. An anchor of the character described, comprising a body portion, a downwardly-extending screw adjacent its lower end, a pointed member carried by the extreme lower end of said body portion, said body portion having an obliquely-arranged slot above said screw, and a key adapted to be driven

through said slot and into the ground, substantially as described.

3. An anchor of the character described comprising a body portion, a downwardly-  
5 extending screw adjacent its lower end, a pointed member carried by the extreme lower end of said body portion, said body portion having an obliquely-arranged slot above said screw, an elongated slot above said oblique

slot, and a key adapted to be driven into either slot, substantially as described.

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

LESTER D. PITCHER.

Witnesses:

W. C. DURKES,  
WM. B. JOHNSON.