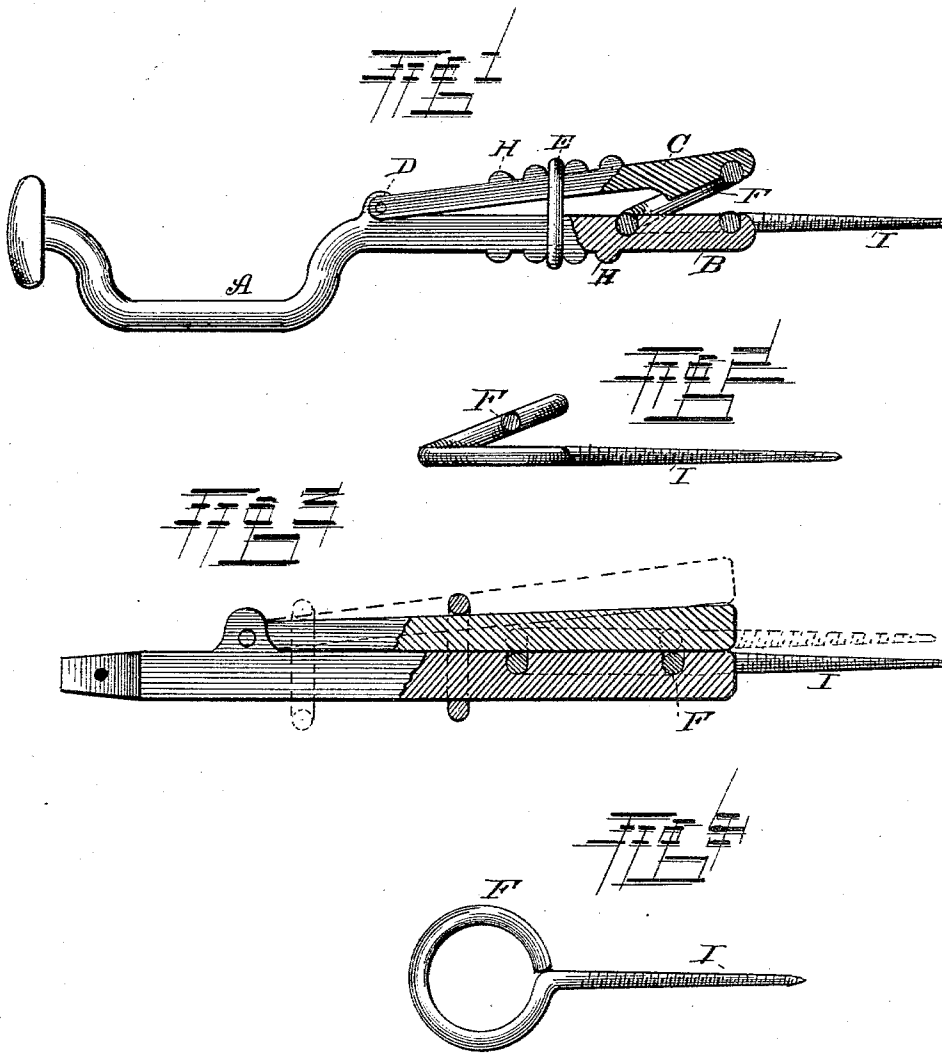


(No Model.)

C. E. GRIFFITH.
BIT FOR INSERTING SCREW EYES.

No. 300,317.

Patented June 10, 1884.



WITNESSES:

And. S. Dutcher.
W. S. Odell.

INVENTOR.

Charles E. Griffith
By Daniel Breed, ATTORNEY.

UNITED STATES PATENT OFFICE.

CHARLES E. GRIFFITH, OF STORM LAKE, IOWA.

BIT FOR INSERTING SCREW-EYES.

SPECIFICATION forming part of Letters Patent No. 300,317, dated June 10, 1884.

Application filed March 21, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. GRIFFITH, a citizen of the United States, residing at Storm Lake, in the county of Buena Vista and State of Iowa, have invented a new and useful Bit for Inserting the Screw-Eyes or Cable-Fasteners of Wire Fence; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art of making or putting up wire fence to make and use my invention.

The chief object of my invention is the construction of a convenient and efficient tool for inserting screw-eyes into trees (used as live posts) in fastening the cables of a wire fence, and for withdrawing said screw-eyes a small distance when the tree-post begins to overgrow the eye, and thus injure the tree.

My invention consists of a novel construction of bit, or brace and bit, having a suitable clamp adapted to grasp and hold the eye of the cable-fastener while the brace is turned for the purpose of inserting the screw-shank of said fastener into the tree or live post, and also for the purpose of withdrawing said fastener from a tree-post in case the tree is liable to overgrow the eye of the fastener, thus injuring the tree.

In the accompanying drawings, Figure 1 is a side view of my improved brace and bit, shown partly in section, with the cable-fastener grasped by the clamping-jaws. Figs. 2, 3, and 4 are detail views of the same.

In the accompanying drawings, A represents the brace, and B the main part of the bit, both of which may be cast in one piece, as shown in Fig. 1. The clamp or jaw C is hinged to the main part B by means of a small pivot, D. A ring, E, is slipped upon the part B before the jaw C is fastened in place

by the pivot, and this ring or slide will not fall off in using the bit; and by sliding this ring back toward the hinge or pivot the jaws can be opened so as to receive and grasp the eye F of the fastener. In the bit B is a circular groove fitted to receive the eye of the fastener, and when the jaw C is brought down so as to clamp or grasp the eye, then the sliding ring E is pushed forward and given two or three turns into the projections H H on the bit B and jaw C, thus tightly clamping the jaw upon the eye of the fastener and holding the same like a vise, while the brace and bit may be turned for either inserting or withdrawing the screw-shank of the fastener.

Fig. 3 represents a modified construction of my clamping-bit fitted to be used in a common carpenter's brace. Any other suitable means may be employed for grasping or clamping the eye of the cable-fastener.

My clamping-bit is also very convenient for the purpose of inserting screw-eyes into ordinary posts, or for removing said screw-eyes in taking down or repairing the fence.

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

In combination with the brace A, the pivoted clamping-jaw C, having projections H, and the locking-ring E, the jaws B C being recessed to receive the eye F, and the whole adapted to serve as and for the purposes set forth.

In testimony that I am the inventor of the above improvement I hereto sign my name.

CHARLES E. GRIFFITH.

Witnesses:

DANIEL BREED,
EMMA M. GILLETT.