

No. 740,894.

PATENTED OCT. 6, 1903.

J. MONAHAN.
STACK ANCHOR.

APPLICATION FILED JUNE 27, 1903.

NO MODEL.

Fig. 1.

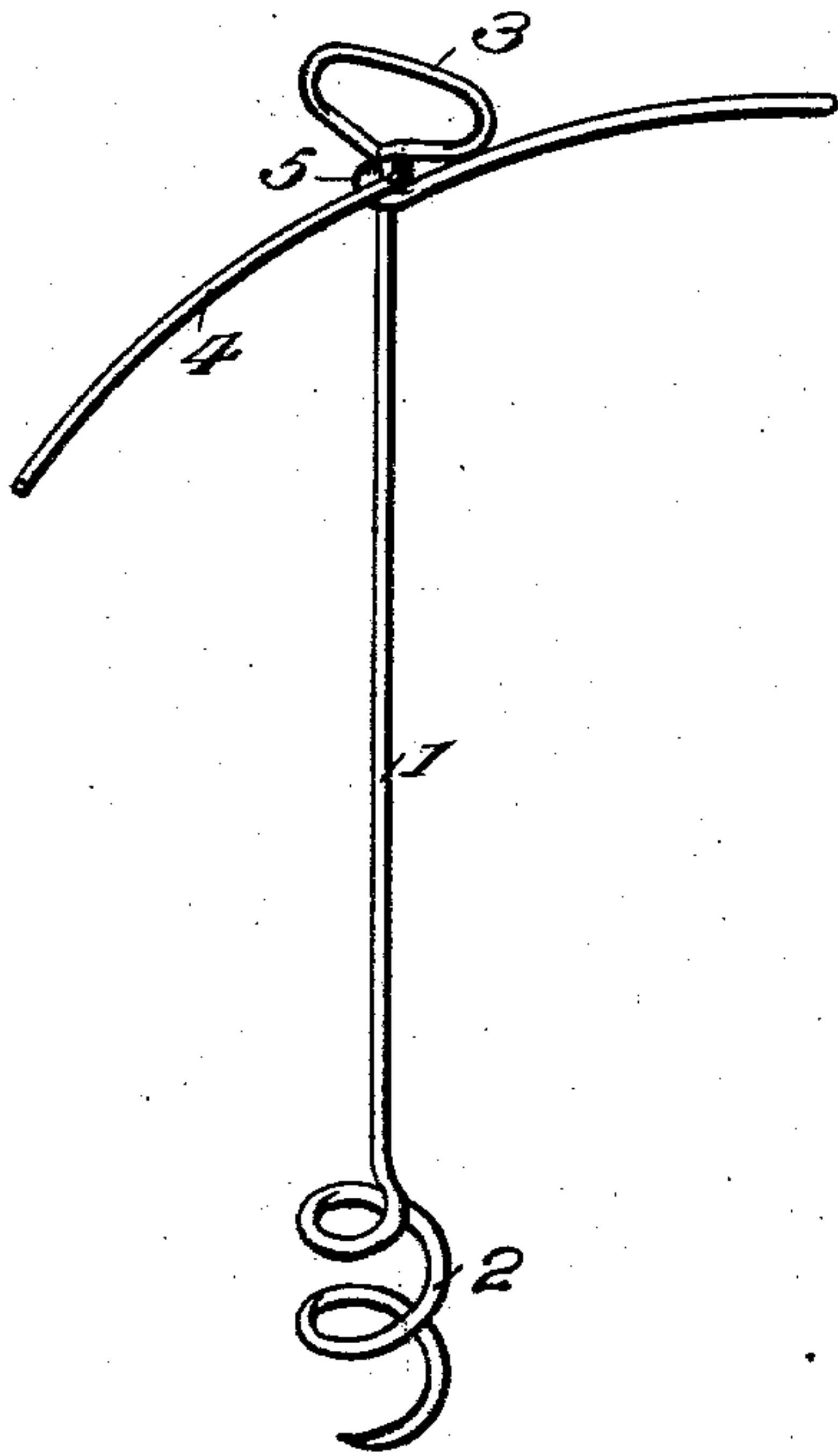
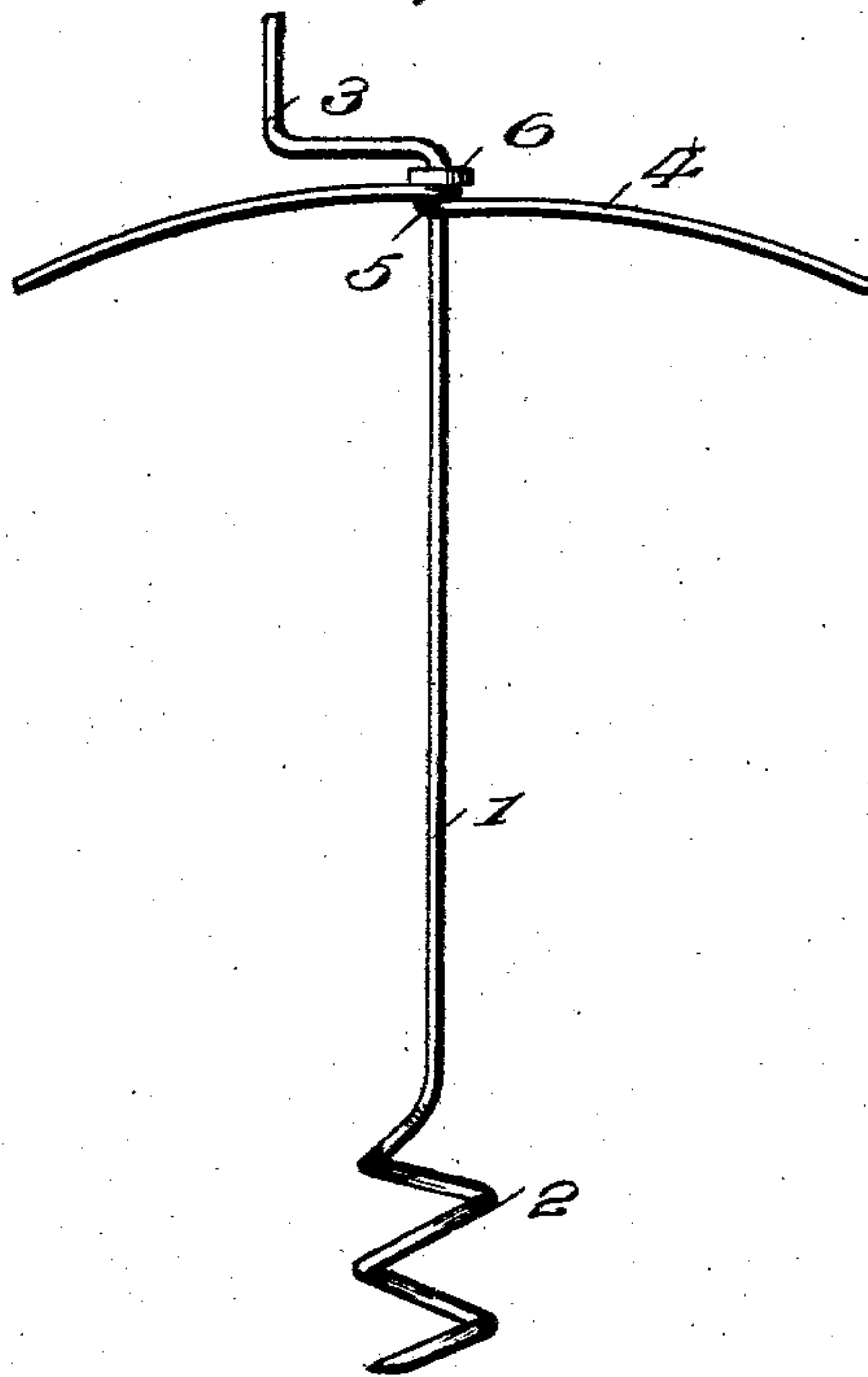


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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STACK-ANCHOR.

SPECIFICATION forming part of Letters Patent No. 740,894, dated October 6, 1903.

Application filed June 27, 1903. Serial No. 163,356. (No model.)

To all whom it may concern:

Be it known that I, JAMES MONAHAN, a citizen of the United States, residing at Newton, in the county of Harvey and State of Kansas, have invented certain new and useful Improvements in Stack-Anchors, of which the following is a specification.

This invention is designed to provide a fastener of novel form for preventing the tops of stacks from blowing off in the hardest wind, thereby obviating the provision of weights, wires, and securing means such as commonly devised for this purpose.

The anchor consists, essentially, of a rod having a screw-point at one end, an operating-handle at the opposite end, and a clamp-bar loosely mounted upon the rod and adapted to rest upon the top of the stack for securing the same after the screw-point of the rod has been entered into the stack a proper distance.

The contrivance embodies the novel features, which hereinafter will be more particularly set forth, illustrated, and finally claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of a stack-anchor embodying the invention. Fig. 2 is a side elevation of a modification.

Corresponding and like parts are referred to in the following description and indicated in both views of the drawings by the same reference characters.

The anchor is constructed from highly-tempered-steel wire of suitable gage and may be from two to four feet in length. The rod 1 is provided at one end with a screw-point 2 and at its opposite end with a handle 3, which may be in the form of a flattened loop, as shown in Fig. 1, or appear as a crank-handle, as indicated in Fig. 2, the latter construction being preferable, as it provides a more convenient means for screwing the rod into the stack or removing it therefrom. The screw-point 2 and handle 3 are integral parts of the rod and are formed by bending the same substantially as indicated.

The clamp bar or rod 4 is preferably made from tempered-steel wire and is longitudinally curved, so as to conform approximately to the stack or rick and hold the same more

securely. An eye 5 is provided intermediate of the ends of the clamp rod or bar, preferably by bending the same into a coil, and this eye receives the rod 1 and is limited in its upward movement by engagement with the handle 3, which forms a stop therefor. A washer 6 may be interposed between the handle and clamp-bar, as indicated most clearly in Fig. 2, to properly space the clamp-bar from the handle and admit of free rotation of the rod 1 when imparting the final turns thereto for tightening the anchor.

After a stack or rick has been topped out the same is made secure by entering the screw-point of the anchor into the top portion of the rick and turning the rod 1 by means of the handle, so as to enter the screw-point into the body of the stack. The clamp rod or bar 4 is arranged crosswise of the stack and is pressed into the top thereof when giving the final turns to the rod 1 to secure the anchor. The anchor is removed by turning the rod in the opposite direction to unscrew the point 2 therefrom, as will be readily comprehended.

Having thus described the invention, what is claimed as new is—

1. A stack-anchor consisting of a rod having a screw-point at one end and an operating-handle at the opposite end, and a clamp-bar provided intermediate of its ends with an eye to loosely receive the said rod and longitudinally curved to conform approximately to the top of the stack or rick, and means for limiting the movement of the clamp-bar and rod in one direction, substantially as set forth.

2. A stack-anchor consisting of a rod having a screw-point at one end and an operating-handle at the opposite end, a clamp-bar longitudinally curved and bent upon itself to form a central eye which loosely receives the aforesaid rod, and a washer mounted upon the rod and adapted to properly space the clamp-bar from the operating-handle, substantially as described.

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

JAMES MONAHAN. [L. S.]

Witnesses:

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