(No Model.)

W. W. HUFFMAN.

SHOCK OR BUNDLE TYER.

No. 411,033. Patented Sept. 17, 1889.

Fig. 1.

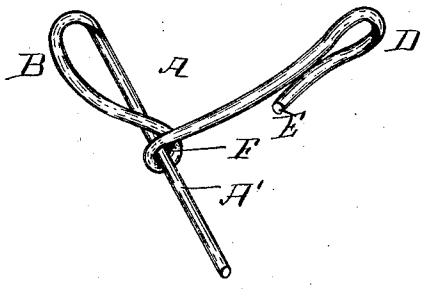


Fig. 2.

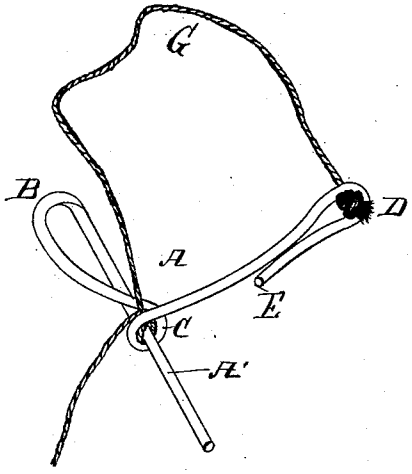
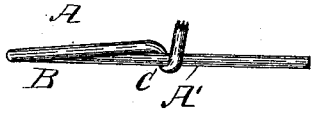


Fig. 3.



WITNESSES

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WILLIAM W. HUFFMAN, OF HOUSTON, OHIO.

SHOCK OR BUNDLE TYER.

SPECIFICATION forming part of Letters Patent No. 411,033, dated September 17, 1889.

Application filed April 25, 1889. Serial No. 308,589. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. HUFFMAN, a citizen of the United States, and a resident of Houston, in the county of Shelby and State of Ohio, have invented a new and useful Shock or Bundle Tyer, of which the following is a specification.

My invention relates to certain improvements in devices for tying shocks, sheaves, bundles, &c.

Figure 1 is a perspective of my invention without twine; Fig. 2, same with twine forming a loop. Fig. 3 is a side view of the part A′ with the loop which surrounds the same.

My device is intended for ready use in tying corn-shocks, sheaves, or bundles of any kind, and is of so simple construction that any farmer with a pair of pliers and a piece of wire can manufacture them at odd moments rapidly and cheaply.

The construction and operation are as follows: The operator holds a piece of wire A in his left hand, and with a pair of pliers in his right hand bends the wire back on itself at B about half the length of the straight piece A′, where it is then twisted around on itself, forming a loop C around the piece A, the wire being then continued on bent at right angles for a couple of inches or so and then bent back on itself to form a loop, as shown at D. The operator then cuts the wire at E and presses the doubled-back part near its free end close up against the piece A, leaving the end a little open and the loop at the turn a little enlarged. He then takes a twine G of desired length, ties a knot in one end, slips the twine under the free end E of the loop D into large part of the loop, where it is held by the parts of the loop. The device is now ready for use in the field, and the operator can make it at his leisure and have it ready to go into the field. When at work in the field, the operator draws one from his bunch, holds the wire-tying piece in his left hand, passes the free end of the twine around the shock with his right hand, and after drawing it tight wraps the free end once around the wire-tyer where the twist C is made, the pressure or tension on the cord drawing the doubled parts tightly into the space F of the twist C. The greater the tension on the twine the firmer it is held in the twist of the wire.

It will thus be seen that I furnish a cheap simple device for tying a bundle, and one that any farmer can make in his leisure moments and have ready when time comes for use in the field.

What I claim as new, and desire to secure by Letters Patent, is—

A bundle-tyer formed from the single piece of wire A, bent back upon itself at B, twisted around itself at C, forming a bight for the twine, and the open loop D, extending at right angles to the main wire, as and for the purpose set forth.

WILLIAM W. HUFFMAN.

Witnesses:
S. J. HATFIELD,
C. E. TENNEY.