

W. E. SNEDIKER.
Wire-Band Cutter.

No. 208,046.

Patented Sept. 17, 1878.

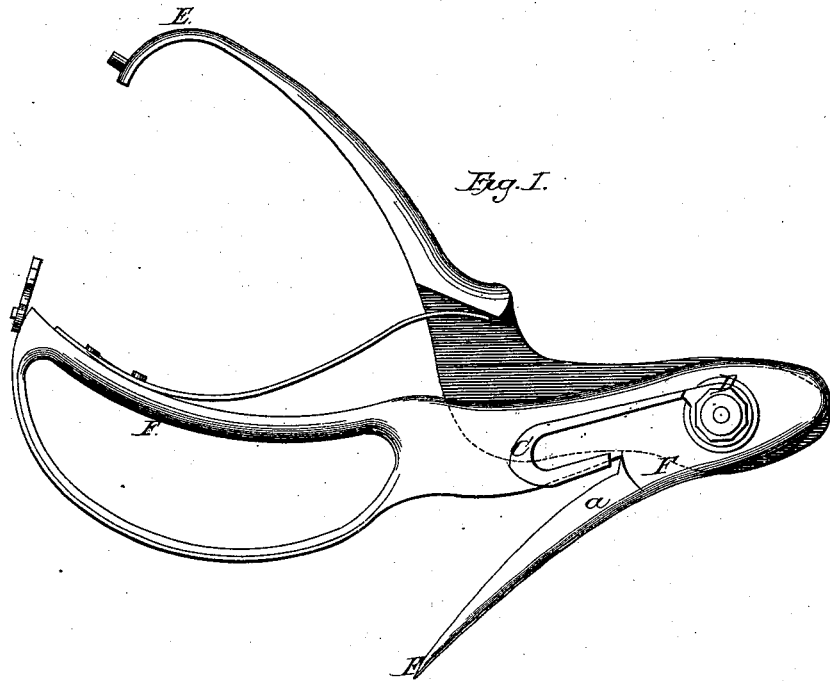


Fig. 1.

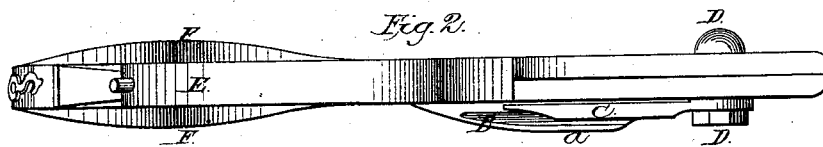


Fig. 2.

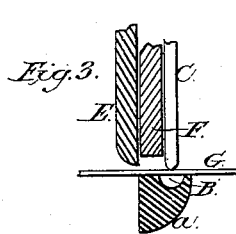


Fig. 3.

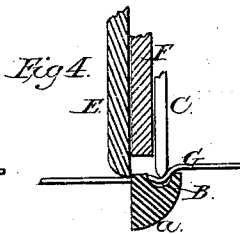


Fig. 4.

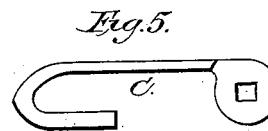


Fig. 5.

Witnesses:

James R. Mills
Franklin J. Mills

Inventor:

William E. Snediker
by his Attorney
Louis C. Gosson.

UNITED STATES PATENT OFFICE.

WILLIAM E. SNEDIKER, OF TRENTON, NEW JERSEY.

IMPROVEMENT IN WIRE-BAND CUTTERS.

Specification forming part of Letters Patent No. **208,046**, dated September 17, 1878; application filed August 2, 1878.

To all whom it may concern:

Be it known that I, WILLIAM E. SNEDIKER, of the city of Trenton, in the county of Mercer and State of New Jersey, have invented an Improvement in Wire-Band Cutters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, which forms a part of this specification, and to the letters of reference marked thereon.

My invention is an improvement upon the Letters Patent granted to Charles H. Chadbourn for a wire-band cutter, bearing date May 8, A. D. 1877, and numbered 190,467.

In the invention of the said Chadbourn the cutter-blade is unprovided with any holder to hold the wire which is cut off from the article to be bound, and by reason of the want of such a holder the wire falls into the straw, stalks, or material, and greatly lessens it in value, particularly in feed, by making it dangerous for animals that may be fed therewith, or for other purposes, where binding with wire is practiced.

The object of my improvement is to provide a means whereby the danger aforesaid may be avoided, and both time and labor saved in the binding up of the material aforesaid.

My invention consists of a projection on the outside of the blade or cutter, which is provided with a grooved slot, and above, on the other arm, shear, or handle, a yielding pressure-spring is placed, which fits into the aforesaid slot, and is for the purpose of holding the wire when cut by the blades or cutters, so that the person using the cutter or shears with my improvement attached can carry or throw the wire so cut into some receptacle provided for the purpose of holding the same, thus doing away with what is now a most objectionable feature in Chadbourn's patent wire-band cutter—viz., the mixing of the wire, after being cut, with the straw, stalks, or other material to be bound.

Figure 1 is a front view of the wire-band cutter, showing my improvement, consisting

of the projection containing or provided with the circular grooved slot, also the yielding pressure-spring, and the square bolt going through the lever which works the said spring. Fig. 2 is a top view of the cutter, showing the yielding pressure-spring and the bolt by which it is operated. Fig. 3 is a bisectonal view of the blade of the cutter, showing the projection containing the circular grooved slot with a piece of wire resting thereon, but not seized or held by the yielding pressure-spring. Fig. 4 is also a bisectonal view of the blade of the cutter, showing the wire held firmly in the grooved slot by the yielding pressure-spring, the act of cutting and holding the wire being completed. Fig. 5 is a view of the yielding pressure-spring, showing the hole through which the bolt passes.

A represents the projection on the blade or shear F, which is provided with the grooved slot B. G G is the wire about to be cut, and for that purpose is placed between the pair of shears E and F, and rests over and upon the grooved slot B. The yielding pressure-spring C, worked by the lever or handle E, which is operated by the bolt D, closes on the wire G and presses it into the grooved slot B. The wire is cut by the action of the shears E and F, and is held in the slot B by the yielding pressure-spring C.

Similar letters, where they occur, denote like parts in the drawings.

I claim—

The improvement consisting of the projection A on the outside of the blade or shear F, provided with the circular grooved slot B, the yielding pressure-spring C attached to the bolt D, operated by the motion of the lever E, arranged substantially as and for the purposes herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

W. E. SNEDIKER.

Witnesses:

JAMES R. MILLS,
FRANKLIN S. MILLS.