(No Model.)

J. E. SCHOOLEY.

BAND CUTTER.

No. 376,166. Patented Jan. 10, 1888.

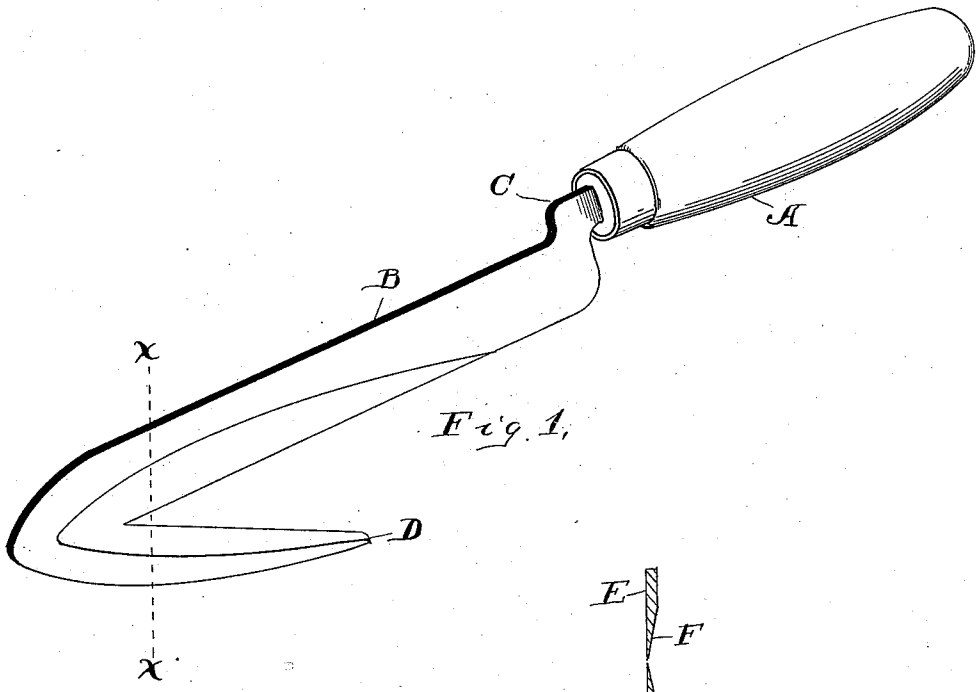


Fig. 1.

Fig. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOSEPH E. SCHOOLEY, OF KYLE, INDIANA.

BAND-CUTTER.

SPECIFICATION forming part of Letters Patent No. 376,166, dated January 10, 1888.

Application filed January 27, 1887. Serial No. 225,631. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH E. SCHOOLEY, of Kyle, in the county of Dearborn and State of Indiana, have invented a new and useful Improvement in Band-Cutters, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a perspective view of my improved band cutter, and Fig. 2 a vertical section through line X of Fig. 1.

My invention relates to an improvement in band-cutters; and it consists of a cutting-blade having rearwardly a handle and forwardly a hook disposed at an acute angle. The under face of the blade and inner face of the hook, both of which form the acute angle of the device, have sharpened surfaces, so that all that is necessary in using the device is to hook it over the band, and a forward pull severs the said band, all of which will now be fully set forth in detail.

In the accompanying drawings, A represents the handle and B the blade of my improved band cutter. The said blade B is provided rearwardly with a tang, C, upon which the said handle B is placed, and I form this tang at the upper part of the blade, so that the handle will not come in contact with the sheaf in using. Forwardly the blade B is provided with a rearwardly-projecting part or hook, D, forming an acute angle on the lower side of the blade. This part D may be formed on any suitable angle; but I find it most operatively disposed at about the angle shown in the drawings. The under side of the blade B is designed to be ground to a sharp edge, and the same may be said of the inner angle of the part D, so that a slight rearward motion of the device, when hooked over an ordinary wheat-band, will sever the said band. Fig. 2, as will be noticed, represents a sectional view of the device through line X X of Fig. 1, wherein one side of the blade B and hook D forms a plain surface, while the opposite face, F, is ground somewhat beveling. This bevel F is formed when the device is made, so that the future grinding, in order to sharpen the device, is made on the plain face E, which thus materially facilitates the ordinary process of sharpening, as the grinding on the concave beveled angle of the device would be difficult for the ordinary operator.

What I claim is—

1. In a band-cutter, the blade B, having a tang, C, disposed near its upper part and forwardly provided with a rearwardly-projecting hook, D, both the inner face of the hook D and under edge of the blade B being beveled, thus forming the cutting-surface of the angle, substantially as herein set forth.

2. The combination of the blade B, made in a single piece and having tang C and the hook D rearwardly projecting, both blade and hook beveled at F and plain on the opposite side, with the handle A, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand, this 15th day of October, 1886, in the presence of two witnesses.

JOSEPH E. SCHOOLEY.

Witnesses:
HARRY W. TRUE,
HARRY D. CLARK.