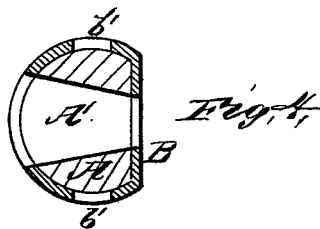
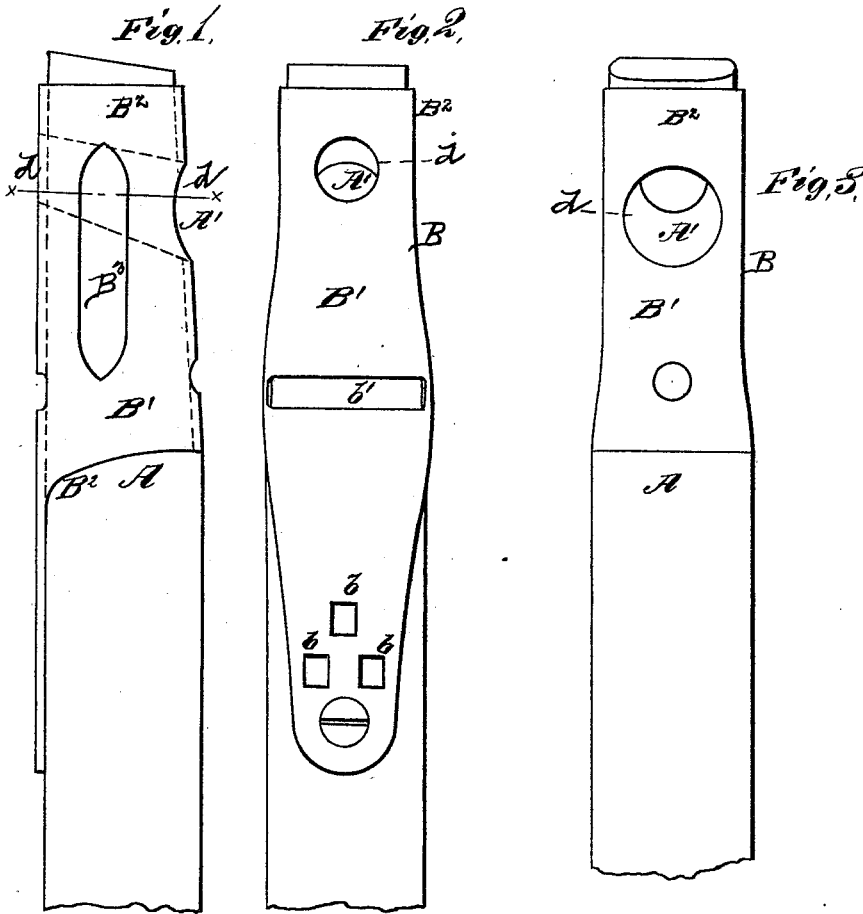


W. H. KRETSINGER.  
CRADLE-SMATH BAND.

No. 185,935.

Patented Jan. 2, 1877.



WITNESSES  
*A. J. Bates*  
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# UNITED STATES PATENT OFFICE

WILLIAM H. KRETSINGER, OF FORT MADISON, IOWA.

## IMPROVEMENT IN CRADLE-SNATH BANDS.

Specification forming part of Letters Patent No. **185,935**, dated January 2, 1877; application filed September 23, 1876.

*To all whom it may concern:*

Be it known that I, WILLIAM H. KRETSINGER, of Fort Madison, in the county of Lee and State of Iowa, have invented a new and valuable Improvement in Bands for Cradle-Snaths; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of an elevation, showing the snath and wing-band at right angles to the blade. Fig. 2 is an elevation of the snath and wing-band, showing the attachment of the blade; and Fig. 3 is an elevation of the snath and wing-band, showing the side from which the heel-post projects. Fig. 4 is a horizontal vertical sectional view of same.

This invention relates to snaths for grain-cradles; and it consists in the novel construction of a metal band or ferrule to protect and prevent the heel-post of a cradle-snath from splitting when said heel-post is inserted therein, as will be hereinafter described.

In the annexed drawings, A designates the heel end of a scythe-snath, on which is sleeved a metal wing-band or ferrule, B, consisting of the inner portion B<sup>1</sup> and outer portion B<sup>2</sup>. The inner portion B<sup>1</sup> has three small perfora-

tions, *b*, and an elongated slot, *b'*, said perforations *b* and slot *b'* being for the attachment of the scythe-blade. The outer portion B<sup>2</sup> of the ferrule B is extended beyond the perforations A' in the heel end of the snath, forming a guard, so that when the heel-post is driven into said perforations A' this guard or outer portion B<sup>2</sup> operates to prevent the heel of the snath from splitting. Said portion B<sup>2</sup> of the ferrule is perforated at *d*, to register with the perforations A' in the heel end of the snath, as shown in the drawings. The ferrule B is cut away at the sides at B<sup>3</sup>, to lighten it and lessen the amount of material employed.

The construction of this device may be modified in any desired way, provided the outer protecting portion or band is retained.

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

The ferrule B for snaths, consisting of the inner portion B<sup>1</sup>, having the usual perforations *b b'*, and the outer portion B<sup>2</sup>, with perforations *d*, to register with the perforations A' in the heel end of the snath, constructed substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM H. KRETSINGER.

Witnesses:

HENRY S. BROWN,  
FRED S. KRETSINGER.