M. HEWITT.

Scythe-Snath Fastening.

No. 204,327. **Patented May 28, 1878.**

Fig. 1.

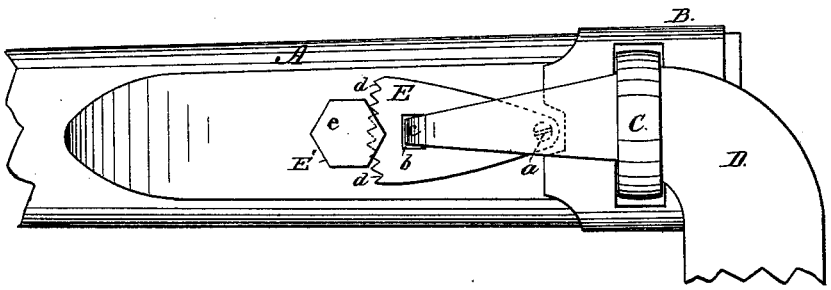


Fig. 2.

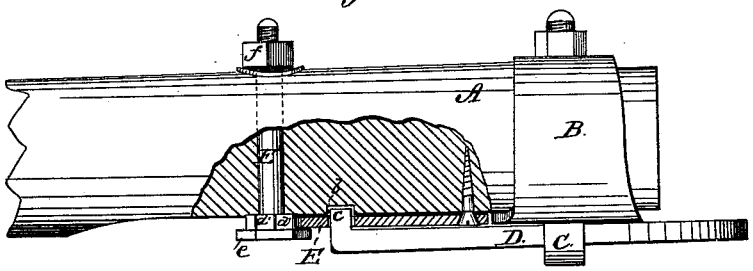
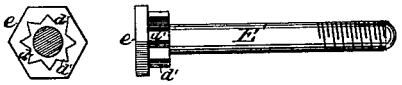


Fig. 3.



WITNESSES:

W. W. Hollingsworth

Edwd. W. Byrn

INVENTOR:

M. Hewitt

BY

Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

MANLIUS HEWITT, OF ST. LOUIS, MISSOURI, ASSIGNOR TO SEYMOUR MANUFACTURING COMPANY, OF SEYMOUR, INDIANA.

IMPROVEMENT IN SCYTHE-SNATH FASTENINGS.

Specification forming part of Letters Patent No. **204,327**, dated May 28, 1878; application filed April 23, 1878.

To all whom it may concern:

Be it known that I, MANLIUS HEWITT, of St. Louis, in the county of St. Louis and State of Missouri, have invented a new and Improved Scythe-Snath Fastening; 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, forming part of this specification, in which—

Figure 1 is a face view of the fastening devices applied to a snath. Fig. 2 is a side view with the swinging socket-plate in section and the snath partly broken away. Fig. 3 are details of the locking-bolt.

My invention relates to an improvement in that form of scythe-snath fastening in which a swinging socket-plate receives the toe of the scythe-shank, and is capable of adjustment in different positions to regulate the set or inclination of the blade.

The improvement consists in constructing the swing-socket with teeth upon the curved edge of its swinging end, and combining them with a bolt having beneath its head a corresponding set of teeth, which mesh with the teeth of the socket-plate to hold the latter rigidly in position, the socket-plate being adjusted to regulate the set of the blade by turning the bolt axially, as hereinafter more fully described.

In the drawing, A represents the lower end of a scythe-snath, upon which is arranged the metal collar B. C is an eyebolt, whose loop or eye embraces the shank of the blade D, and whose stem extends through the collar B, and is provided upon the outside with a nut, whereby the eyebolt is drawn down to clamp the shank of the blade upon the flattened face of the collar. E is the swinging socket-plate, which is pivoted near the collar at *a*, and is provided with a socket, *b*, to receive the toe *c* of the blade-shank, all as heretofore employed.

To obtain the varying adjustments of the swinging socket-plate to regulate the inclination of the blade in securing more or less of a shear-cut, I form upon the edge of the upper swinging end of the socket-plate a series of teeth, *a*, arranged in the arc of a circle struck from the pivot *a* as a center, and in the snath at this point I arrange a bolt, E. Said bolt is formed with a series of teeth, *d'*, located just beneath its head *e*, which teeth engage the teeth *d* of the socket-plate, and, when the head *e* is drawn down by the nut *f* upon the opposite side of the snath, serve to hold the plate and scythe-blade rigidly in position.

To secure a greater or less inclination of the scythe-blade, the bolt is rotated axially, which action, through the engagement of the teeth *d d'*, causes the socket-plate and the top of the shank to be thrown to one or the other side, as the case may be.

Having thus described my invention, what I claim as new is—

1. The swinging socket-plate provided with teeth or notches upon the edge of its swinging end, combined with a bolt having projections adapted to engage with said teeth or notches, substantially as described.

2. The swinging socket-plate having teeth *d* upon the edge of its swinging end, combined with a transverse bolt having an overlapping head, *e*, and teeth *d'*, adapted to engage with the teeth of the swinging plate and hold the same in position, substantially as described.

MANLIUS HEWITT.

Witnesses:
WM. ALBRIGHT, Jr.,
JOHN R. CALHOUN.