

A. C. & C. N. CLOW.  
SCYTHE.

No. 9,469.

Patented Dec. 14, 1852.

Fig. 1.

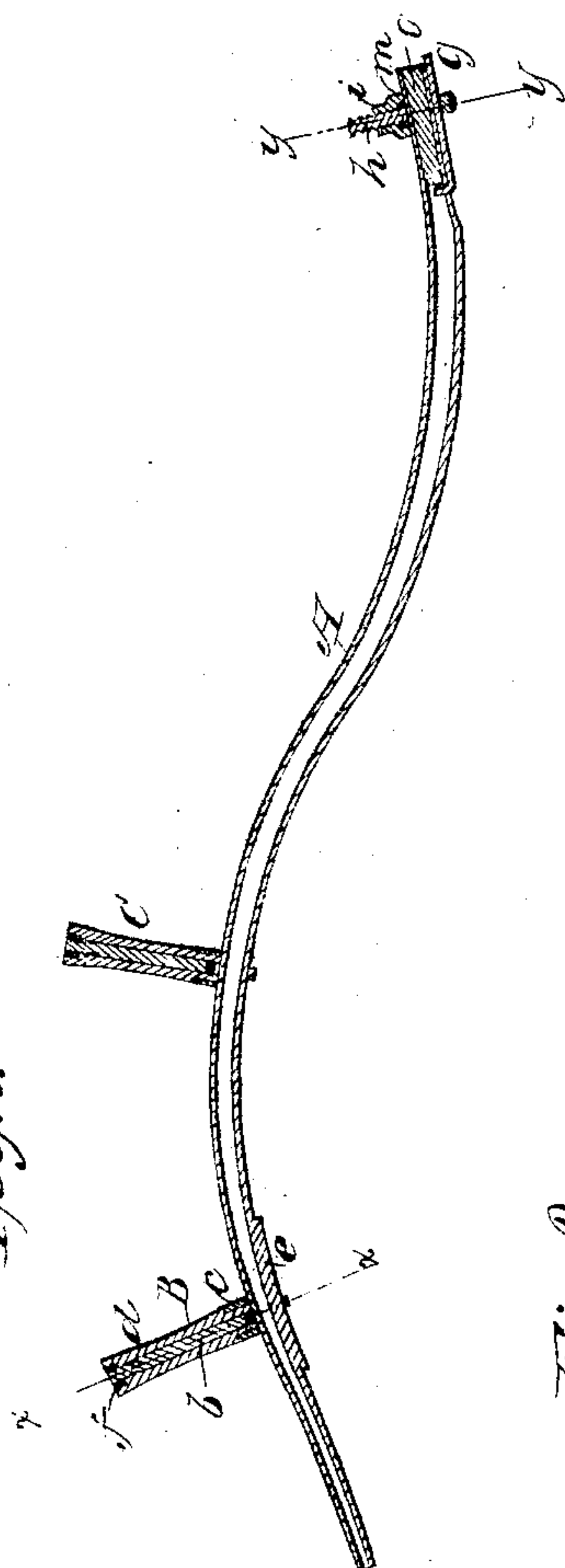


Fig. 2.

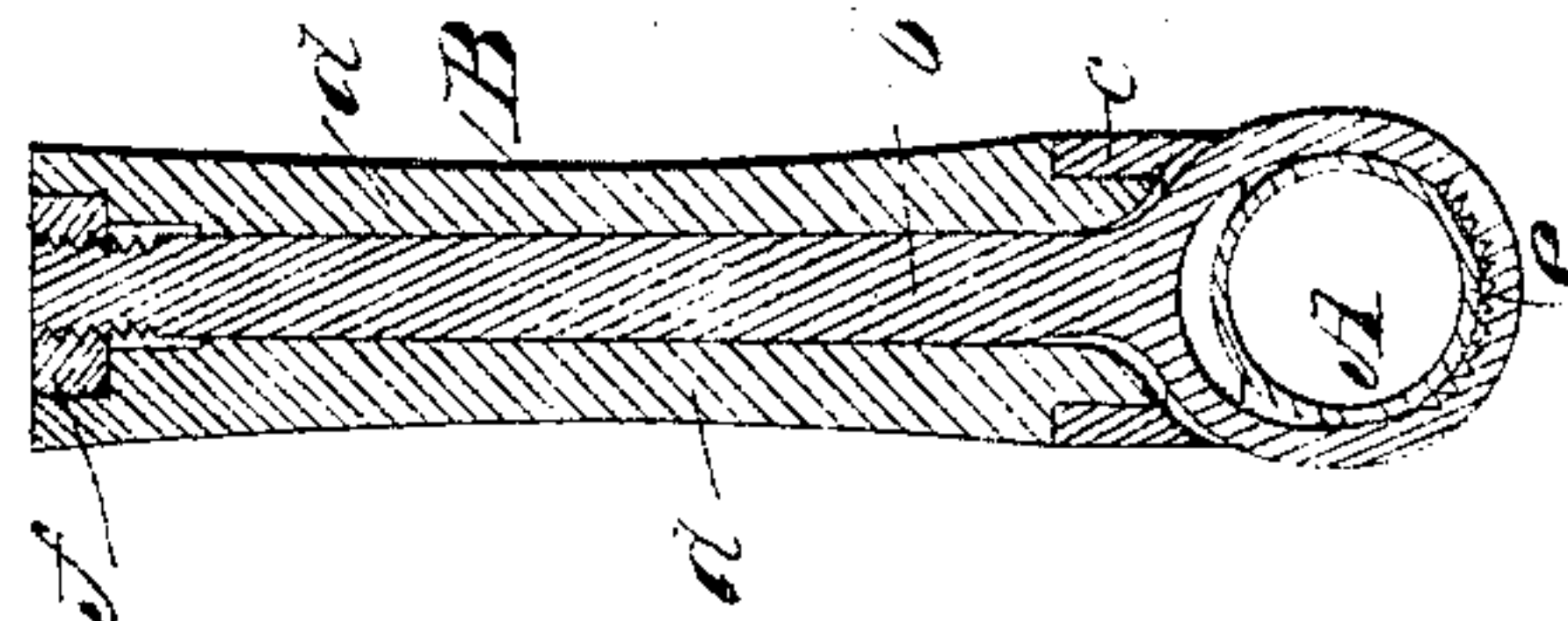
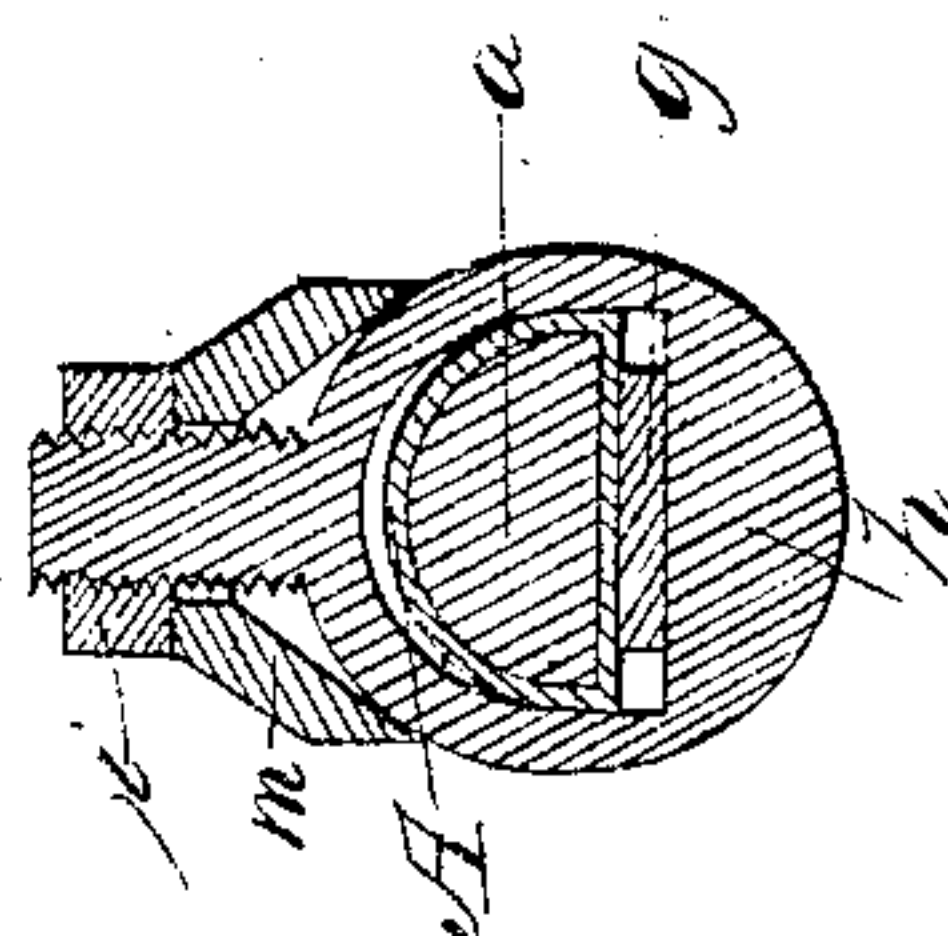


Fig. 3.



# UNITED STATES PATENT OFFICE.

ABRAM CLOW, CHARLES CLOW, AND CHAS. N. CLOW, OF PORT BYRON, N. Y.

## IMPROVEMENT IN SCYTHER-SNATHS.

Specification forming part of Letters Patent No. 9,469, dated December 14, 1852.

*To all whom it may concern:*

Be it known that we, ABRAM CLOW, CHARLES CLOW, and CHARLES N. CLOW, of Port Byron, in the county of Cayuga and State of New York, have invented a new and Improved Scythe and Cradle Snath; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

Figure 1 is a central longitudinal section of the snath; Fig. 2, a transverse section thereof in the line *x x* of Fig. 1, and Fig. 3 a transverse section of the same in the line *y y* of Fig. 1.

Like letters designate like parts in all the figures.

The nature of our invention consists, first, in constructing the snath of metal in the tubular form, for the purpose of securing great durability and facility of shaping it as desired while it retains the required lightness and strength; and, secondly, in the manner of adjusting the nebs on the snath, as herein fully set forth.

First, the snath *A* is constructed of metal in the form of a tube in any convenient manner, generally by bending thin sheets of wrought-iron into the tubular form and brazing the edges together. The sheets of metal should be quite thin to insure lightness, since in a tube great strength and firmness are compatible with extreme lightness of construction. The snath is then bent into the desired shape, which is capable of being readily varied as desired by the purchaser—this property of the tube being one of the desiderata gained by its use. Its almost unlimited durability is another object gained. The part of the snath where the heel of the scythe fits upon it is flattened on the under side, and the cavity of this portion of it is fitted with a plug, *a*, in order that it may resist the pressure to which it is subjected in fastening the scythe. The scythe is fastened on the snath by means of a ring, *h*, the side of whose aperture under the heel of the scythe is flattened and somewhat wider than said heel to give it play sidewise, for the purpose of turning the point of the scythe out or in at pleasure. A shank having a screw-thread cut on it projects from the upper side of the ring *h*, over which fits a washer, *m*,

striding the ring and resting upon the top of the snath. A nut, *i*, screws down upon said washer, and thereby draws the ring *h* up against the heel of the scythe and binds it firmly to the snath. The nebs *B C* are tightened on the snath by a similar device—viz., by means of a ring and shank, *b*, with a screw-thread on the extremity of the shank, on which a nut, *f*, let into the wood *d* of the neb and turning with it, acts, and a washer, *c*, serving both to bind the neb and as a ferrule to the wood.

Our improved device for adjusting the neb upon the snath consists of a small longitudinal rib, *e*, formed upon the snath where the nebs are placed, and fitting into a series of notches cut on the inner periphery of the ring of the neb. The aperture of the ring is sufficiently large to allow it to turn freely over said rib *e* when the nut *f* is unscrewed; and then the rib is inserted in any one of said notches, which will give the desired position to the neb, after which the nut *f* is screwed down firmly and holds the neb unchangeably in that position.

Our snath is applicable to grain-cradles as well as to scythes.

What we claim as our invention, and desire to secure by Letters Patent as a new manufacture, is—

1. A scythe or cradle snath composed of a wrought-metal tube, which possesses the advantages of great durability and facility for being bent into any desired form without increasing its ordinary weight or impairing its usual strength and firmness.

2. The longitudinal rib *e*, or its equivalent, on the snath, in combination with a series of notches in the ring of the neb, for the purpose of adjusting the nebs securely upon the snath, substantially as herein set forth.

The above specification of our improved scythe-snath signed this 28th day of August, 1852.

ABRAM CLOW.  
CHARLES CLOW.  
CHAS. N. CLOW.

Witnesses:

ALVIN BARTON,  
B. B. CLAPP.