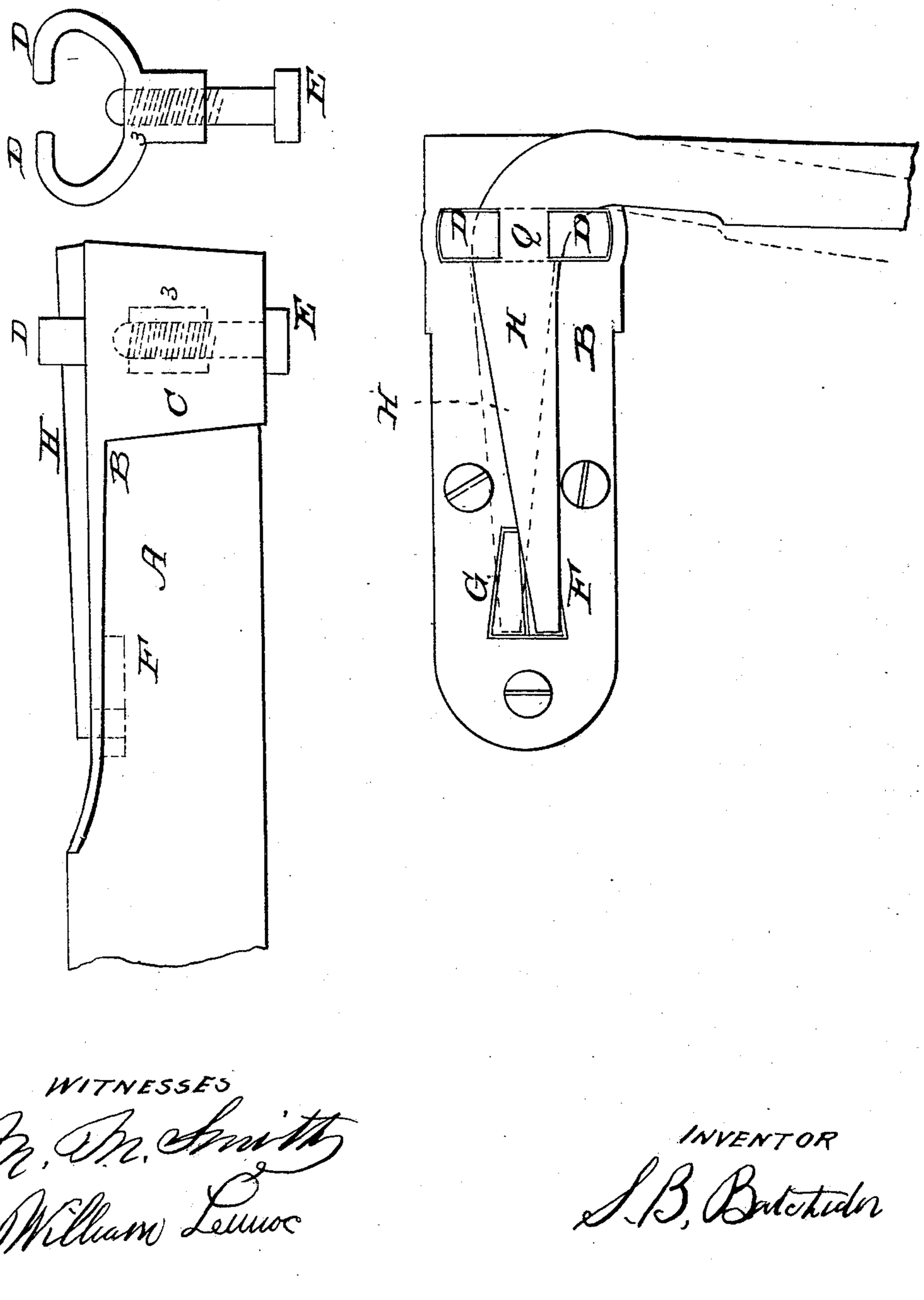
S. B. BATCHELOR.

Scythe Snath.

No. 23,288. Patented March 22, 1859.



WITNESSES

N. PH. Smith

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INVENTOR

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UNITED STATES PATENT OFFICE.

S. B. BATCHELOR, OF LOWVILLE, NEW YORK.

IMPROVEMENT IN SCYTHE-SNATHS.

Specification forming part of Letters Patent No. **23,288**, dated March 22, 1859.

To all whom it may concern:

Be it known that I, S. B. BATCHELOR, of Lowville, in the county of Lewis, in the State of New York, have invented a new and Improved Mode of Attaching Scythes to Snaths; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is the longitudinal section of the butt of a snath, my invention being applied thereto. Fig. 2 is an external view, showing the hooks as they embrace the shank of the scythe. Fig. 3 is the united hooks and screw detached from the snath.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists in securing any common grass-scythe to a stationary plate by means of two united hooks and a headed screw, the plate being firmly secured to the butt of the snath and the several parts so arranged, as hereinafter mentioned, that the scythe may be firmly fastened to the snath and set to any desired angle required by the operator without the use of mechanical tools to alter the size or shape of the shank.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents the butt of a snath, which is chamfered on the under side, with a metal plate, B, fitted to it, with a ring, C, formed on the end of the plate, which embraces the butt end of the snath A, the plate being fastened with screws. Through the plate in the butt of the snath is fitted two united hooks, D D, with a headed screw, E, passing through the top of the ring C and entering the center of the united hooks D D, which have a screw-thread formed therein for that purpose, the form of which is distinctly shown in Fig. 3. Through the outer end of plate B is formed a wedge-shaped slot, F, sufficiently long to admit of the variation of the length of the shanks of scythes.

In slot F is fitted a wedge-shape sliding block, G, which is easily moved from one side of the slot to the other, allowing the scythe to be set in or out at the option of the operator, as shown at G.

H represents the shank of a common scythe with a claw on the end. The scythe is fastened to the snath by inserting the shank between the hooks D D at its smallest point and sliding it down through the hooks, placing the claw in the slot F on the desired side of the sliding block G to give the scythe the desired angle. The screw E is then turned by means of a wrench, causing the hooks D D that embrace the shank of the scythe to press it against the metal plate B, thereby firmly securing the scythe to the snath.

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

The arrangement of the hooks D D, screw E, ring C, and plate B with slot F and sliding block G, the whole being constructed for joint operation in the manner herein set forth and described.

S. B. BATCHELOR.

Witnesses:

CHARLES K. BROWN,

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