

No. 711,558.

Patented Oct. 21, 1902.

R. B. EDWARDS.
SCYTHE SNATH FASTENER.

Application filed Jan. 3, 1901.

(No Model.)

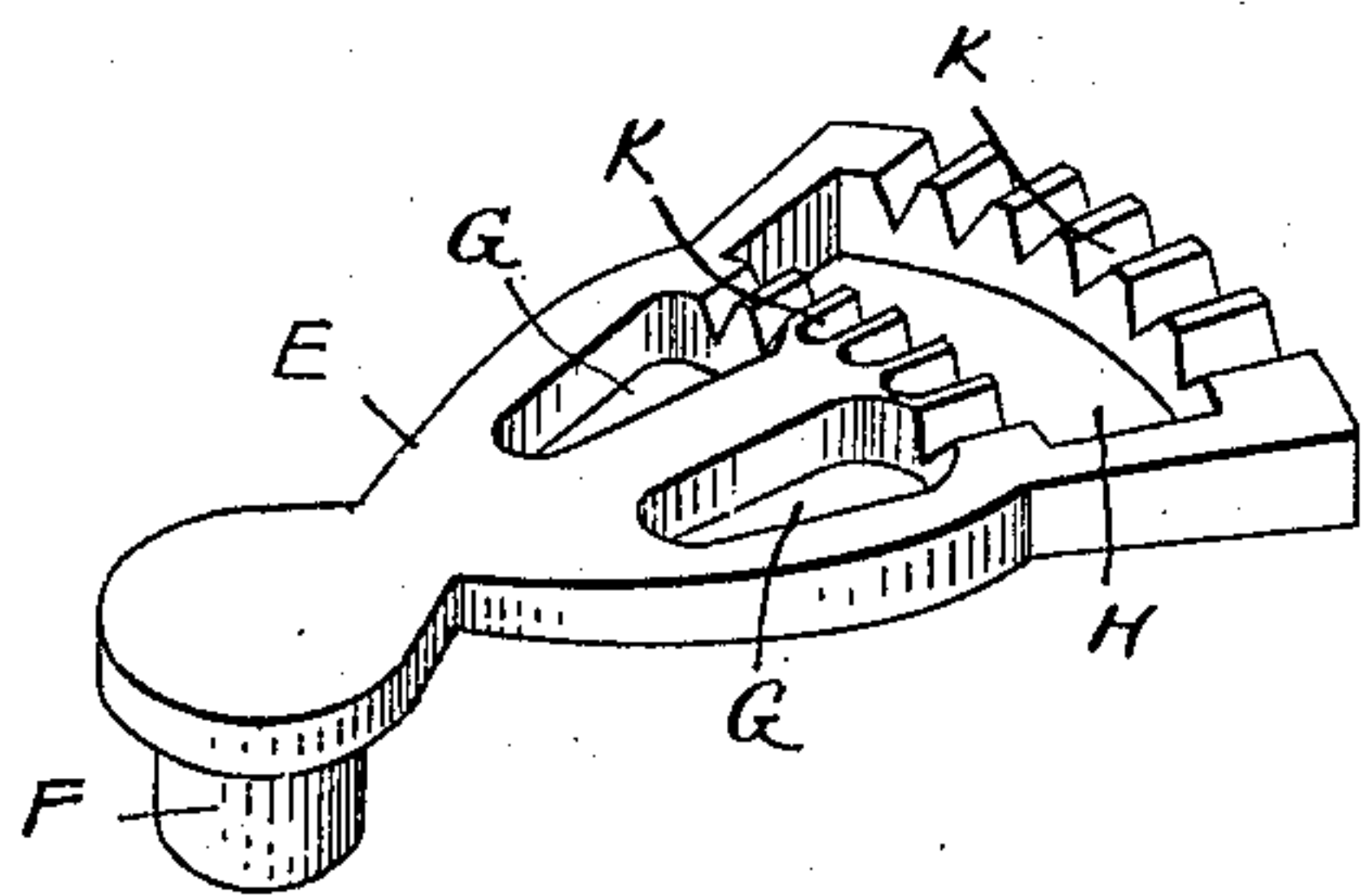
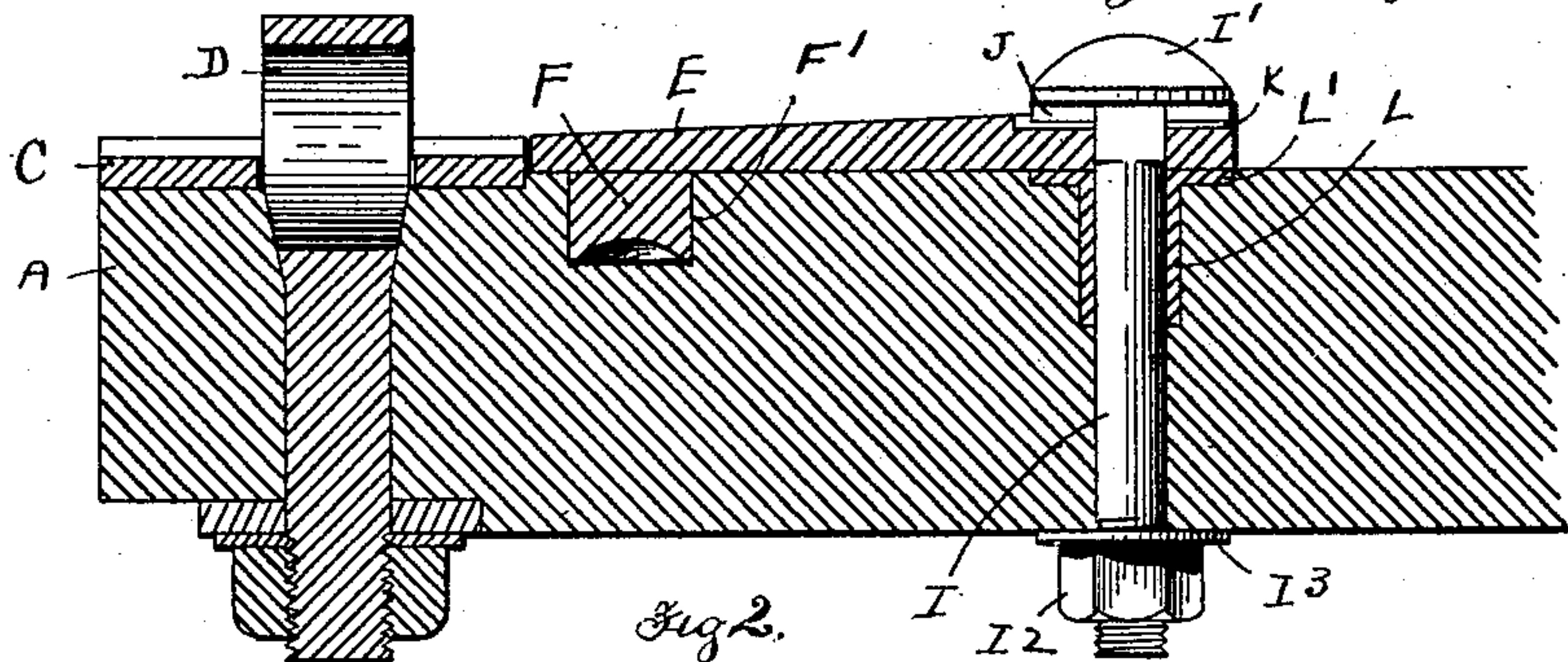
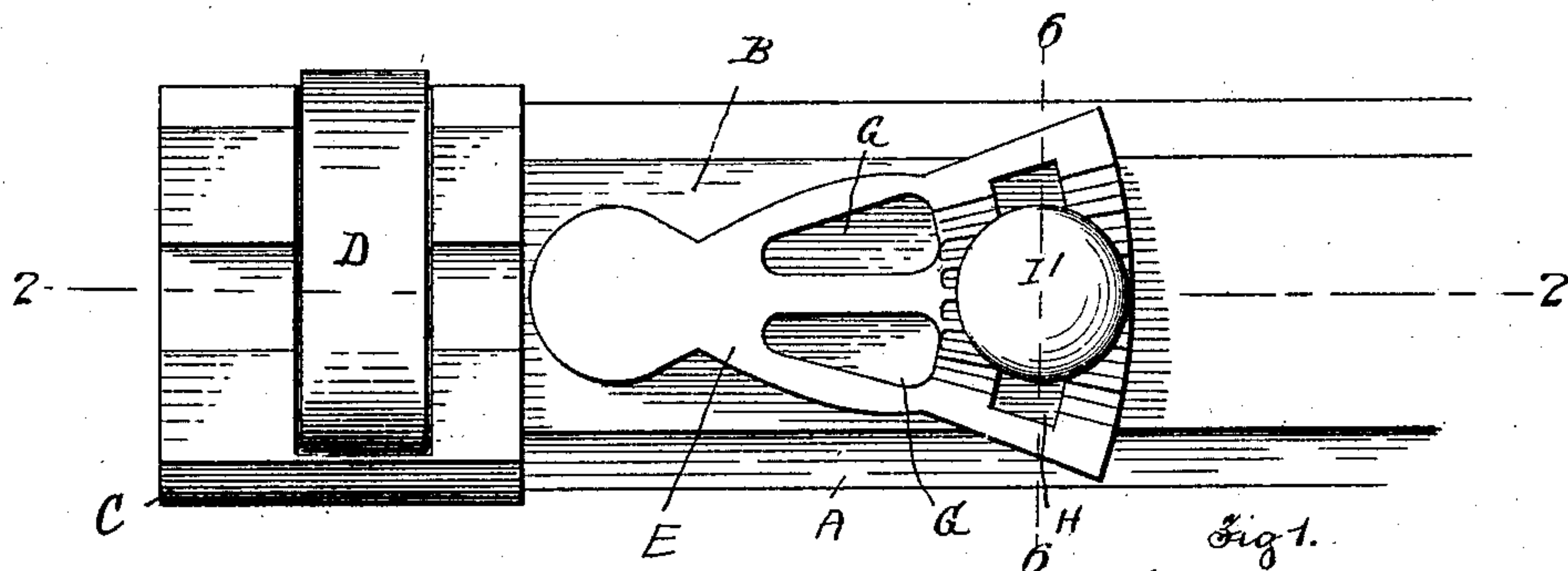


Fig. 3.

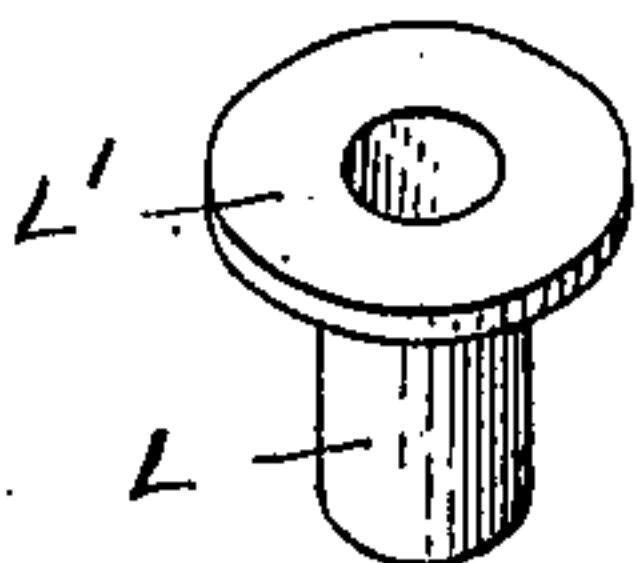


Fig. 5.

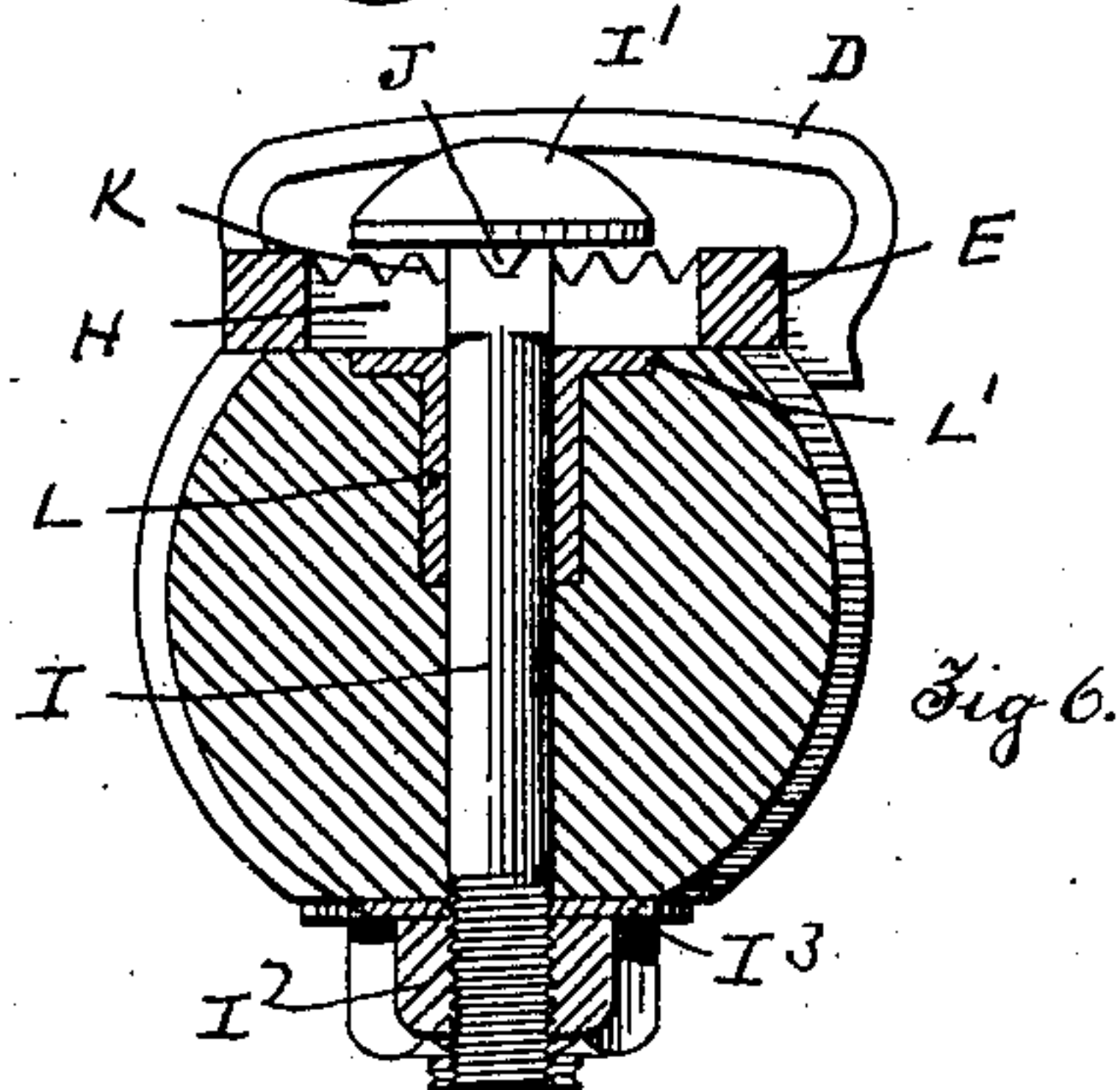


Fig. 6.

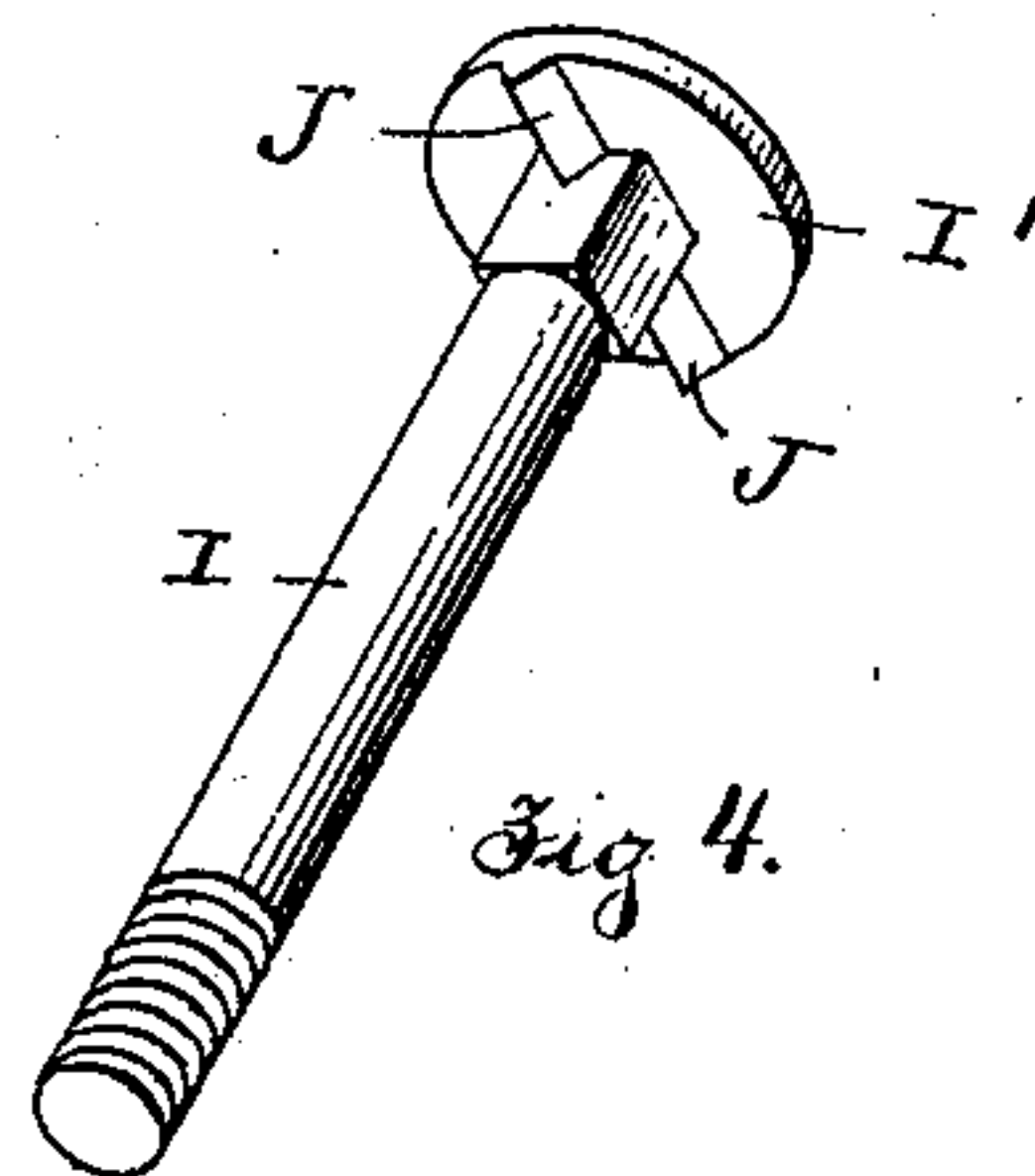


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

ROBERT B. EDWARDS, OF WORCESTER, MASSACHUSETTS.

SCYTHE-SNATH FASTENER.

SPECIFICATION forming part of Letters Patent No. 711,558, dated October 21, 1902.

Application filed January 3, 1901. Serial No. 41,964. (No model.)

To all whom it may concern:

Be it known that I, ROBERT B. EDWARDS, a citizen of the United States, residing at Worcester, in the county of Worcester and Commonwealth of Massachusetts, have invented a new and useful Improvement in Scythe-Snath Fasteners, of which the following is a specification, accompanied by drawings forming a part of the same, in which—
10 Figure 1 represents the slabbed end of a scythe-snath to which the scythe is attached. Fig. 2 is a central longitudinal sectional view through the end of the scythe-snath on line 2 2, Fig. 1. Figs. 3, 4, and 5 represent, respectively, the pivoted plate, clamping-bolt, and flanged washer of my improved scythe-snath fastener detached from the scythe; and Fig. 6 is a transverse sectional view on line 6 6, Fig. 1.
20 Similar reference-letters refer to similar parts in the different views.

My invention relates to that portion of a scythe-snath fastener by which the shank of the scythe is adjusted on the snath so as to vary the position of the scythe; and it consists in the construction and arrangement of parts hereinafter described, and set forth in the annexed claim.

Referring to the drawings, A denotes the end of a scythe-snath slabbed at one side, as at B, and provided on its end with a ferrule C and having an eyebolt D; these parts being of the usual form of construction in snaths now in common use. Resting upon the slabbed surface B is a plate E, provided at one end with a spur F, projecting from its under side and held in a hole F' in the scythe-snath, forming a pivot for the plate. The plate is provided with one or more openings G to receive the usual lug on the shank of the scythe and an elongated opening H, concentric with the spur F, to receive a clamping-bolt I, having a head I' and carrying a nut I² and washer I³. Projecting from the under side of the head I' and on diametrically opposite sides of the bolt are teeth J J, preferably triangular in their cross-section and adapted to engage a series of radial teeth K on the upper side of the pivoted plate E and on its surface which is adjacent to the elon-

gated bolt-opening H. Recessed in the snath is a sleeve L, having a flange L', with its upper surface flush with the slabbed side B of the snath. The sleeve L fits tightly within the snath and surrounds the clamping-bolt I, and its flange L' forms a bearing-surface for the under side of the pivoted plate E. The plate E, as shown in the drawings, is provided with two openings G G for the scythe-lug, a certain adjustment of the scythe being obtained by moving the lug from one opening to the other. Another and finer adjustment of the scythe is secured by releasing the clamping-bolt I and swinging the pivoted plate E to bring a new tooth on the plate into engagement with the teeth J on the bolt-head.

I am aware that it is not new to adjust the scythe by means of a pivoted plate held in any position by a clamping-bolt, and I do not claim such broadly.

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

In a scythe-fastener, the combination with a scythe-snath having a slabbed side and an eyebolt for receiving the shank of the scythe of a socket-plate provided with an opening midway between its ends for the lug of the scythe-shank, said plate having at its end nearest said eyebolt a cylindrical projection on its under side entering a socket in the snath and forming a pivot for said socket-plate, an elongated opening curved concentrically with said pivot in the end of said socket-plate farthest from said eyebolt for an adjusting-bolt, radial teeth on the upper surface of said socket-plate and adjacent to said curved opening, an adjusting-bolt having teeth beneath its head to engage said radial teeth and a flanged sleeve recessed in the snath inclosing said adjusting-bolt and having its flange flush with the slabbed side of the snath and bearing against the under side of said socket-plate, substantially as described.

Dated this 31st day of December, 1900.

ROBERT B. EDWARDS.

Witnesses:

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