

J. N. BRIGGS.
Saw-Sets.

No. 145,087.

Patented Dec. 2, 1873.

Fig. 1.

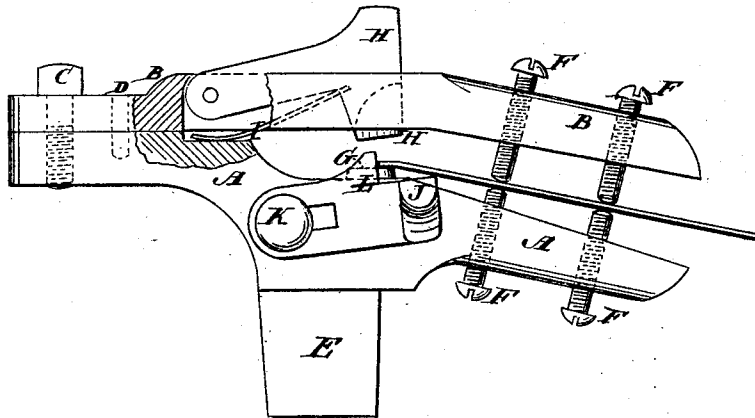
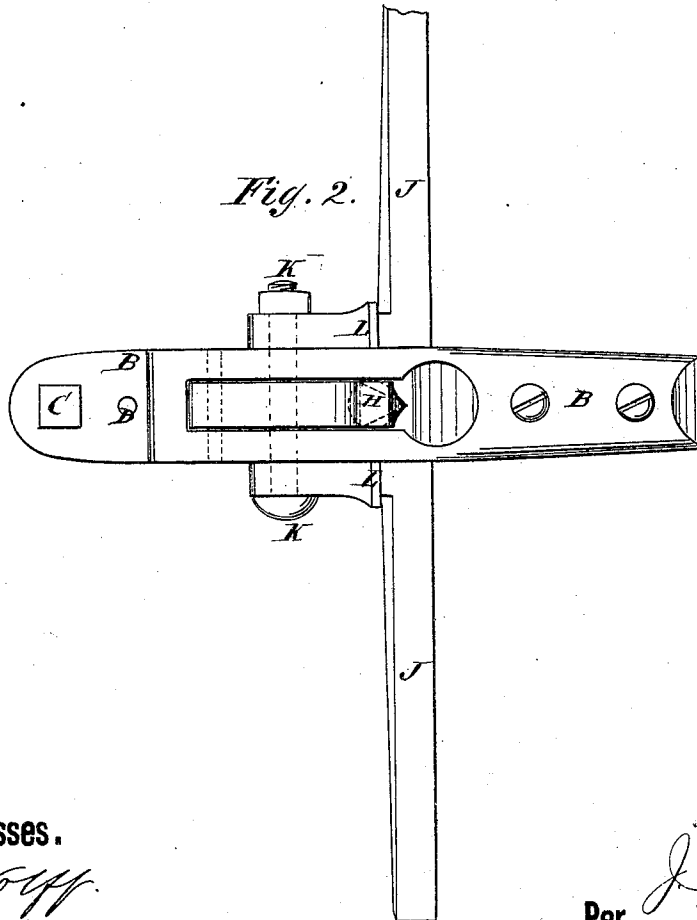


Fig. 2.



Witnesses.

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JEROME N. BRIGGS, OF SOUTH ADAMS, MASSACHUSETTS.

IMPROVEMENT IN SAW-SETS.

Specification forming part of Letters Patent No. **145,087**, dated December 2, 1873; application filed October 4, 1873.

To all whom it may concern:

Be it known that I, JEROME N. BRIGGS, of South Adams, in the county of Berkshire and State of Massachusetts, have invented a new and useful Improvement in Saw-Set, of which the following is a specification:

Figure 1 is a side view of my improved saw-set, parts being broken away to show the construction. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

The invention will first be fully described and then pointed out in the claim.

The body of the saw-set is made in two parts, A B, the rear parts of which are secured to each other by a screw-bolt, C, which holds them together, and by a pin, D, that prevents lateral movement. The lower part is made with a downward projection, E, to enable it to be held by a vise, or by other means. The forward ends or jaws are provided with set-screws F, two to each jaw, by adjusting which the saw-plate, which is placed between said screws, will be so held that the teeth may receive more or less set, as may be desired. G is the lower die, which is set in a hole in the middle of the lower part, A. H is the upper die or punch, which is placed in a slot in the middle of the upper part, B, and which is made with a shank projecting at right angles or nearly so, and the rear end of which is pivoted to the said part B. The die H is held up by a spring,

I, which is attached to the part A, and presses against the under side of the shank of the die H, near its head, as shown in Fig. 1, so as to hold the said die raised. J are two arms, projecting at right angles from the opposite sides of the lower part A, and the bases of which project along the sides of said part, and are secured to it by a bolt, K, which passes through it and through slots in the bases of the said arms J. The parts of the bolt K that pass through the slots in the said bases are flattened so as to hold the arms J exactly in line with each other. Upon the upper sides of the bases of the arms J are formed projections L, to enter the spaces between the teeth, and stop the saw-plate in proper position for the tooth to be operated upon, while the arms J support the saw-plate in a horizontal position, so that it cannot spring or bend. By loosening the nut of the bolt K the arms J may be readily adjusted according to the size of the saw-teeth.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The rear slotted arms J J, having front projections L L, and held adjustably to the lower jaw, A, as and for the purpose described.

JEROME NAPELION BRIGGS.

Witnesses:

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