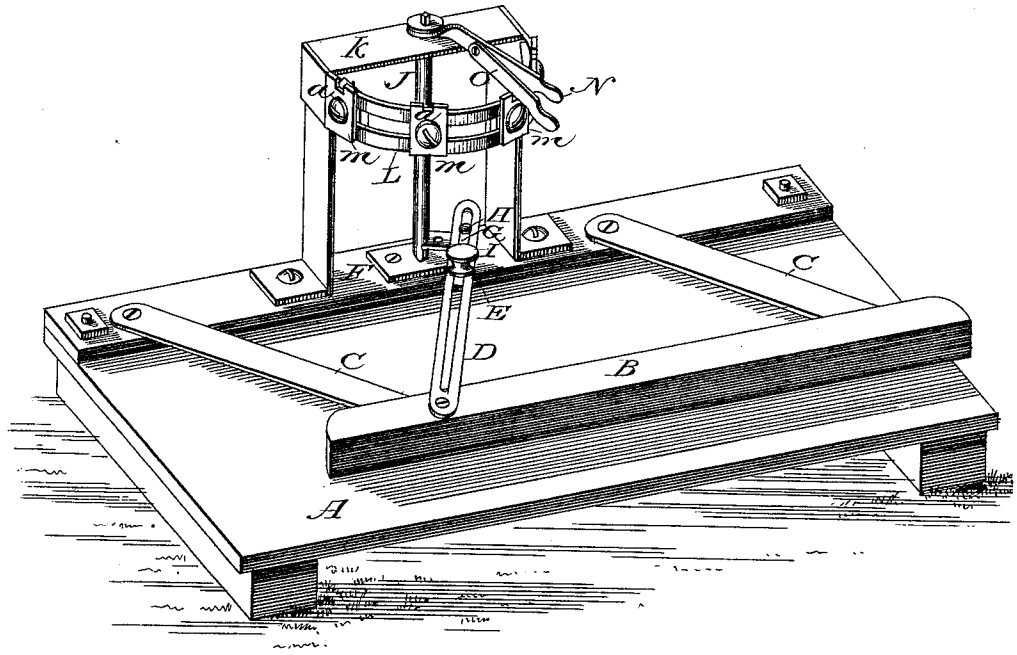
B. S. CONSTANT.

Adjustable Gage for Saw-Tables.

No. 222,574. Patented Dec. 16, 1879.



Witnesses:

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BOSTON S. CONSTANT, OF PERU, INDIANA.

IMPROVEMENT IN ADJUSTABLE GAGES FOR SAW-TABLES.

Specification forming part of Letters Patent No. **222,574**, dated December 16, 1879; application filed June 2, 1879.

To all whom it may concern:

Be it known that I, BOSTON S. CONSTANT, of Peru, Miami county, and State of Indiana, have made a new and useful Improvement in Devices for Adjusting and Holding Gages for Saw-Tables, as will be more fully set forth hereinafter.

The accompanying drawing, with letters of reference marked thereon, forms a part of this specification, and shows an outline perspective view of a device embodying my invention, in which—

A is the saw-table. B is the gage-bar. C C are parallel braces. D is the gage-staff. E is the set-screw. F is the stationary parallel bar.

All of the above lettered parts are old and in common use and need not be further described here; but in lieu of attaching the set-screw E to the bar F, as is usual in parallel gages, I employ the slide G. This slide receives the crank-pin H at one end and set-screw E at the other, both of which pass through the slot in the staff D, and serve as a guide for the slide as it is moved freely along the staff, and can be rigidly fixed at any desired point on the staff D by means of the set-screw E. The object in attaching the crank-pin H to this slide instead of the staff D is to give greater range to the gage without increasing the length of the crank-arm I. This crank-arm is attached to the vertical shaft J near its lower end. The shaft J is placed at about midway of the length of the bar F, to which its lower end is pivoted, and the upper end is supported by the double bracket K. This bracket is also attached to the bar F, and is provided at the upper end with the semicircular rack L. To this rack are attached the movable stops *m m m m*. These stops are secured by means of the set-screws *a a a a*.

To the top of the shaft J is attached the hand-lever N. By means of this lever the crank-arm I may be oscillated and locked at any desired point by means of the latch *o* and stops *m m m m*. The latch *o* is pivoted to the lever N, and falls of its own gravity into the notches of the stops; or a spring may be employed to hold it down, if desired. The handle of lever N and latch *o* are placed close together, so as to allow the operator to grasp them both with one hand at the same time.

Having thus fully described my invention, what I claim is—

The device for setting parallel gages for saw-tables, consisting of the slide G, crank-arm I, having pin H, shaft J, bracket K, rack L, stops *m m m m*, having set-screws *a a a a*, lever N, and latch *o*, when constructed, arranged, and combined as set forth.

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