(No Model.)

J. H. HAMLET.

SAW TABLE GAGE.

No. 287,124. Patented Oct. 23, 1883.

Fig. 1.

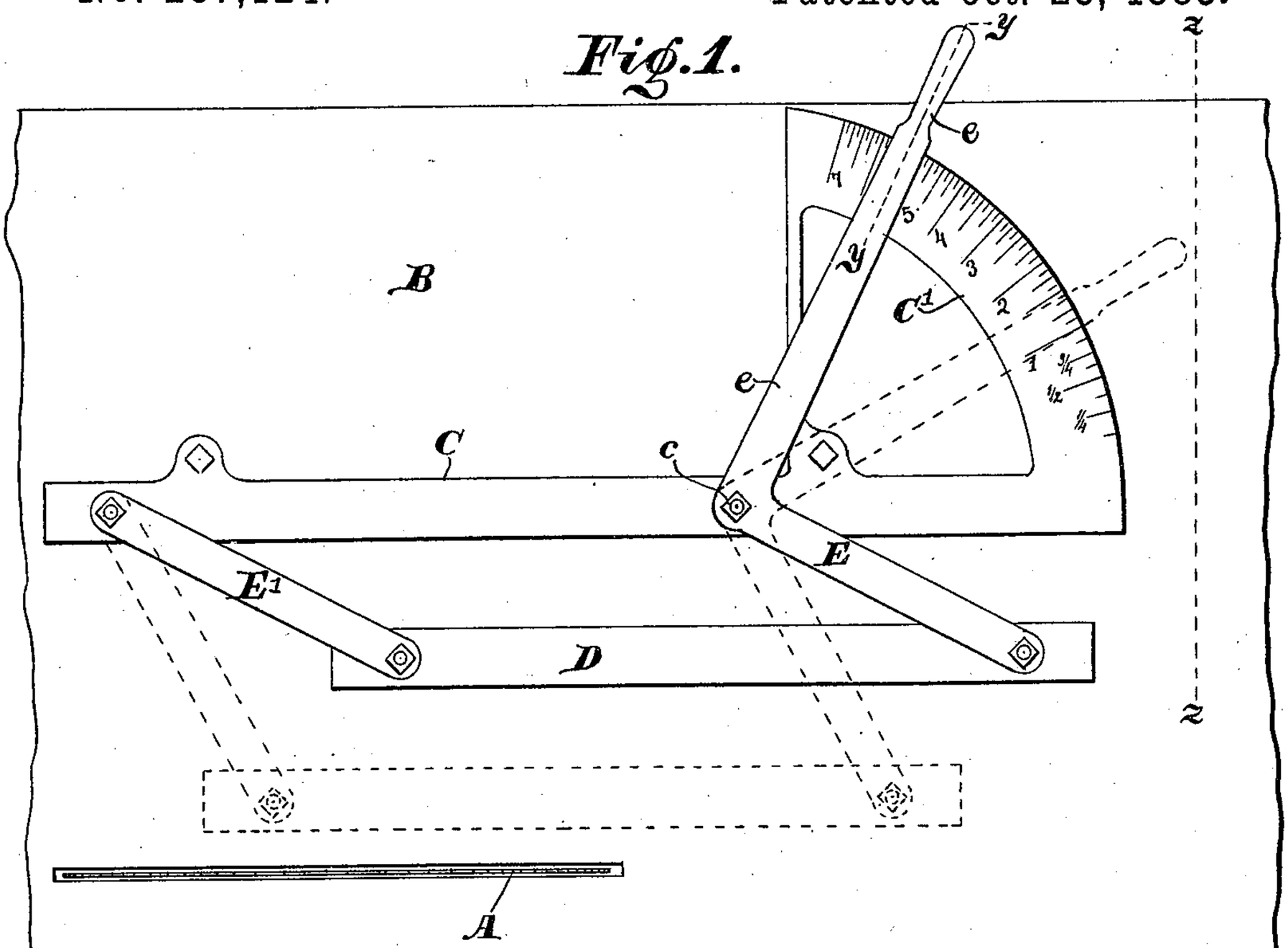


Fig. 2.

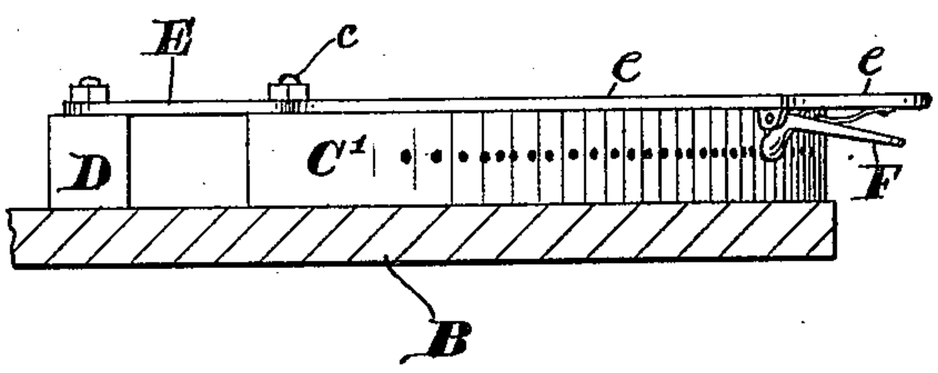
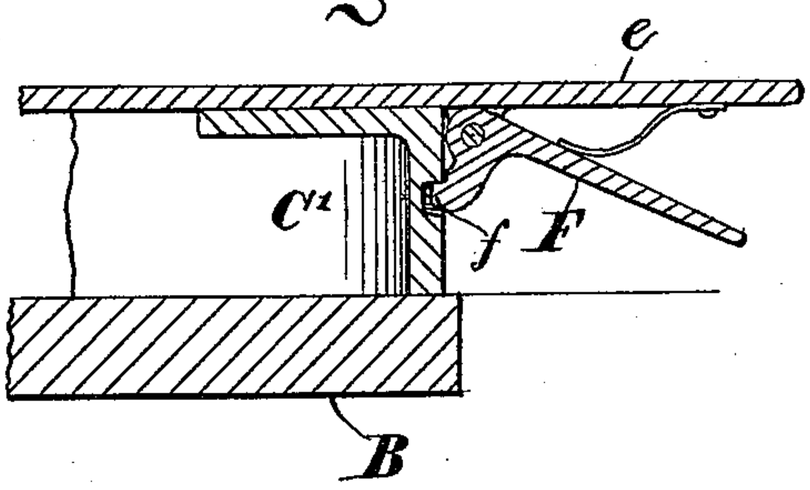


Fig. 3.



WITNESSES.

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SAW-TABLE GAGE.

SPECIFICATION forming part of Letters Patent No. 287,124, dated October 23, 1883.

Application filed July 19, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. HAMLET, of the city of Indianapolis, county of Marion and State of Indiana, have invented certain new and useful Improvements in Gages for Saw-Tables, of which the following is a specification.

The object of my said invention is to provide a gage for use upon saw-tables which may be easily and quickly adjusted to any desired position in relation to the saw, and easily and firmly secured in such position. This object is accomplished by extending one of the bars which control the movement of the adjustable portion of the gage into a handle, providing a catch upon such handle, and providing a quadrant, over which said handle is adapted to move and with which said catch will engage.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a top or plan view of a saw-table provided with my improved gage; Fig. 2, a transverse vertical sectional view of a portion thereof, looking toward the left from the dotted line *z z;* and Fig. 3, a detail sectional view on the dotted line *y y*.

In said drawings, the portions marked A represent the saw; B, the saw-table; C, the stationary part of the gage; D, the movable part of the gage; E E′, the bars connecting said two parts, and F the catch. The saw A and table B are an ordinary saw and table, such as are used for splitting lumber into strips. The saw-gage C D E E′, excluding the handle and quadrant, is an ordinary form of saw-gage, the operation of which is well understood by those familiar with such articles. The quadrant C′ is preferably cast integrally with the part C, its periphery being struck from the center of the pivot-bolt *c*, by which the bar E is secured thereto, and should have a scale marked thereon, as shown. In its perpendicular face are formed a series of holes or depressions corresponding to the various distances marked by the scale. Upon the under side of the handle *e*, which is formed in piece with the bar E, is pivoted a spring-catch, F, which is adapted to engage with the holes in the face of the quadrant C′.

The operation of my said invention is as follows: When it is desired to shift the position of the gage the operator grasps the handle *e* and the spring-catch F together, pressing the handle of said catch up against the under side of said handle *e*, thus releasing the engagement of the point *f* of said catch with the hole in the face of the quadrant with which it is at that time engaged. He then moves said handle *e* around over the quadrant until its position, as indicated by the scale thereon, shows that the gage has been set at the proper distance from the saw. Then, by simply releasing his hold upon the handle and the spring-catch the point of said spring-catch engages with the proper hole in the face of the quadrant, and the gage is thereby held firmly in its new position.

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

1. In a saw-gage composed of a fixed bar, an adjustable bar, and two bars connecting the same, the fixed bar C, having a quadrant, C′, formed integrally with one end thereof, said quadrant being provided with a series of notches or holes, substantially as described, and for the purposes specified.

2. In a saw-gage, the combination, with the fixed bar C, adjustable bar D, and connecting-bar E′, of the other connecting-bar E, said bar being extended into a handle, *e*, whereby said gage is adjusted, substantially as set forth.

3. The combination, with a saw and saw-table, of a gage composed of a fixed bar, an adjustable bar, two other bars connecting the same, one of which is extended into a handle as a means of adjusting the gage, and provided with a catch and a quadrant, over which said handle is adapted to be moved, and with which said catch is adapted to engage, substantially as set forth.

4. The combination, in a saw-gage, of the part C, extended at one end into the quadrant C′, said quadrant being provided in its outer face with a series of holes or depressions, the adjustable bar D, the connecting-bars E E′, said bar E being extended into a handle, *e*, and the catch F, pivoted to said handle *e* and adapted to fit in the holes in the face of the quadrant, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 16th day of July, A. D. 1883.

JOHN H. HAMLET. [L. S.]

In presence of—

E. U. HAMLET,

E. W. BRADFORD.