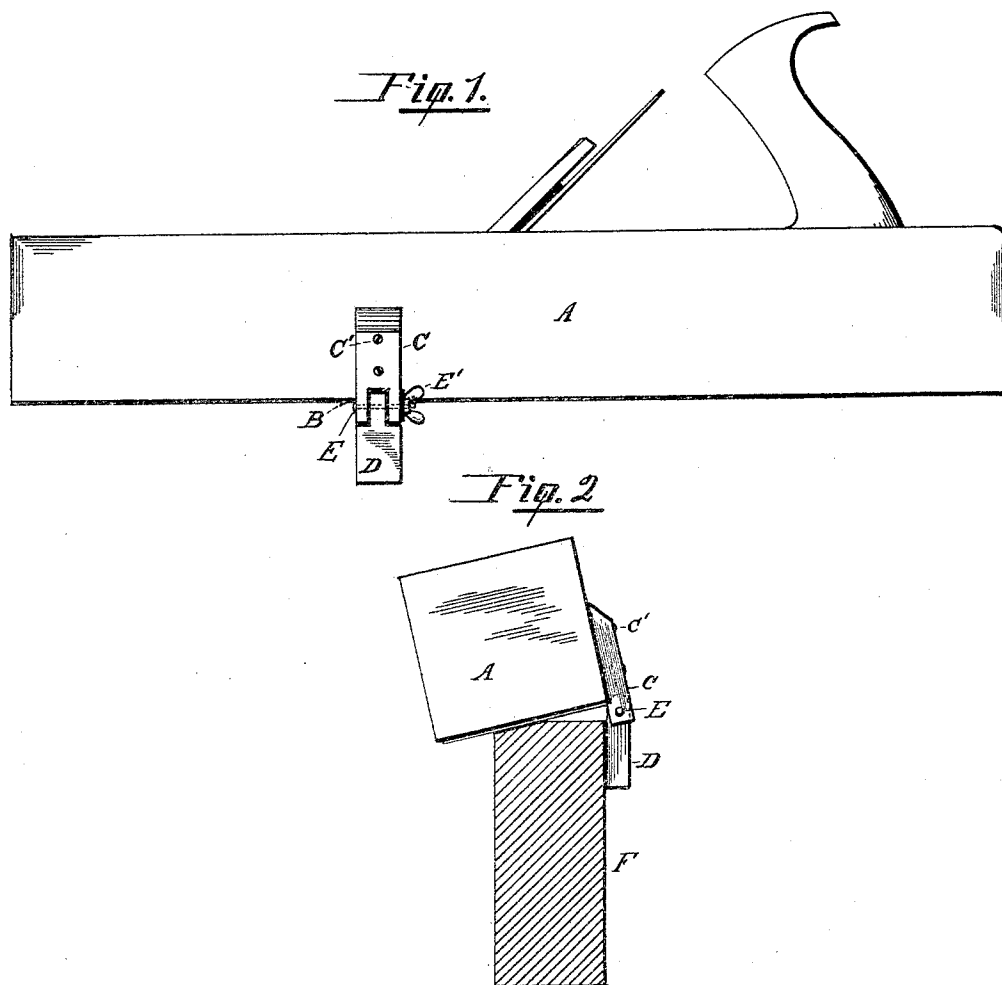


(No Model.)

J. K. KENDRICK.
PLANE.

No. 459,122.

Patented Sept. 8, 1891.



Witnesses
Elihu B. Snow,
James T. Summerville.

Inventor
James K. Kendrick
By *Joshua B. Webster*
Attorney

UNITED STATES PATENT OFFICE.

JAMES K. KENDRICK, OF GERMANTOWN, CALIFORNIA.

PLANE.

SPECIFICATION forming part of Letters Patent No. 459,122, dated September 8, 1891.

Application filed March 20, 1891. Serial No. 385,803. (No model.)

To all whom it may concern:

Be it known that I, JAMES K. KENDRICK, a citizen of the United States, residing at Germantown, in the county of Colusa and State of California, have invented certain new and useful Improvements in Planes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has relation to improvements in plane-guides; and it consists in the construction, novel combination, and adaptation of parts hereinafter described and claimed.

The invention will be fully understood from the following description and claim when taken in conjunction with the annexed drawings, in which—

Figure 1 is a side elevation of a plane provided with my improved guide; and Fig. 2 is an end elevation of the same in conjunction with a piece of wood, illustrating the relative position of the plane and guide with respect to each other and the wood when it is desired to bevel one corner of the latter.

Referring by letter to the said drawings, A indicates a jack-plane, which may be of any approved construction, and B indicates the bit thereof. Permanently connected to the left-hand side of the plane by screws C' or the like is the flat stationary section C of my improved guide, the lower portion of which is forked and depends below the bottom of the plane, as illustrated.

D indicates the adjustable section of my improved guide, which is also flat, and has

its upper portion tongued, as illustrated, to take between the depending fork branches of the stationary section, to which it is pivotally connected by a transverse bolt E, which takes through the fork branches of the stationary section and the tongue portion of the adjustable section, and has one of its ends threaded to receive a wing-nut E', which serves to secure the bolt in position. By this construction of guide, which comprises but four parts and may be made of hard wood or the like, it will be seen that a cheap and efficient guide is afforded without materially increasing the weight of the plane, and by the provision of the wing-nut E' it will be readily perceived that the adjustable section may be readily removed and another section placed in position when desirable.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with a plane, of the guide consisting of the flat section C, permanently attached to the side of the plane and having its lower portion forked, the flat adjustable section D, having its upper portion tongued or reduced to take between the fork branches of the section C, the bolt taking through the fork branches of the section C and the tongue of section D and having its end threaded, and a wing-nut mounted on the threaded end of said bolt, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES K. KENDRICK.

Witnesses:

P. H. CLARK,
L. H. HILL.