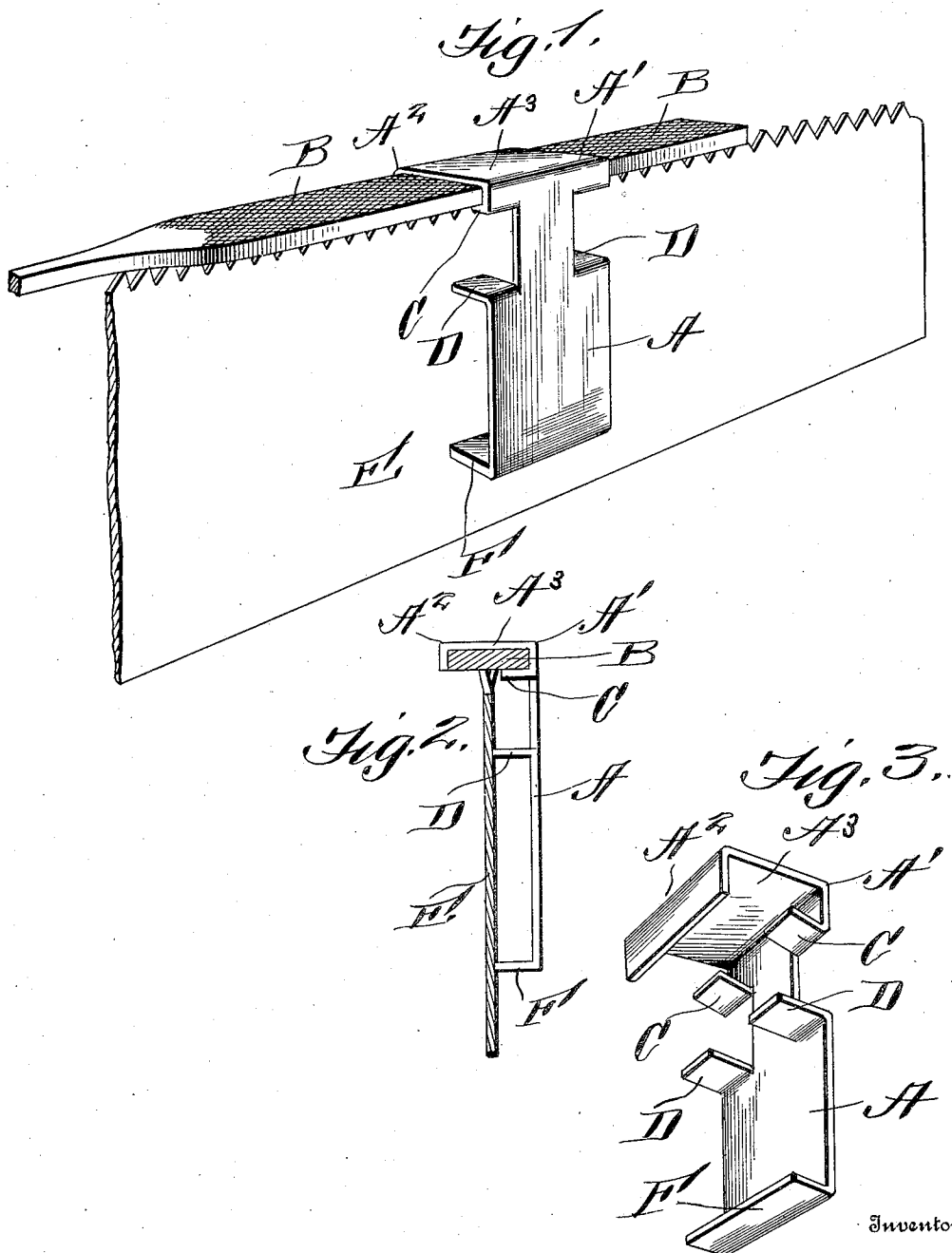


No. 845,173.

PATENTED FEB. 26, 1907.

A. P. HALL.
HANDSAW JOINTER.
APPLICATION FILED SEPT. 7, 1906.



Witnesses

R. A. Preswell.
A. L. Hough

By

Inventor
Alpheus P. Hall
Franklin D. Hough
Attorney

UNITED STATES PATENT OFFICE.

ALPHEUS P. HALL, OF GRAYSVILLE, ILLINOIS.

HANDSAW-JOINTER.

No. 845,173.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed September 7, 1906. Serial No. 333,703.

To all whom it may concern:

Be it known that I, ALPHEUS P. HALL, a citizen of the United States, residing at Graysville, in the county of White and State of Illinois, have invented certain new and useful Improvements in Handsaw-Jointers; and I do hereby 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.

This invention relates to new and useful improvements in handsaw-jointers, and comprises a simple and efficient device of this nature whereby the cutting edges of teeth may be conveniently trued.

The invention comprises various details of construction and arrangements of parts, which will be hereinafter fully described, and then specifically defined in the appended claim.

I illustrate my invention in the accompanying drawings, in which—

Figure 1 is a perspective view showing the application of my invention. Fig. 2 is a cross-sectional view through the device, showing a file held thereto; and Fig. 3 is an enlarged detail perspective view of the invention.

Reference now being had to the details of the drawings by letter, A designates a jointing device which is made of a single piece of metal having one end bent at an angle at A' and having a lateral extension A³ and again bent at an angle with a downwardly-extending flange A², forming a partial closure to receive a file B, which rests upon the inturned lips C. Projecting from the body portion of the jointer are the lugs D, which extend at

right angles therefrom and are adapted to contact with the face of a saw-blade E. The lower end F of the jointer is bent at an angle parallel to the lugs D and is adapted to cooperate with the lugs D to hold the saw parallel with the body portion of the jointer.

In adjusting the device for operation a file is placed in the position shown in the drawings and the device placed against the face of the saw-blade, with the lugs and bottom of the device against the face of the saw as guides. By moving the file lengthwise back and forth, keeping the guides in contact with the saw, it will be noted that the teeth will be truly jointed.

By the provision of a device of this nature it will be observed that a simple and efficient combination file-holder and gage is provided, made, preferably, of a single piece of metal, and by which the cutting edges of teeth may be accurately and quickly jointed.

What I claim is—

A saw-jointing device made of a single piece of sheet metal, the upper portion of which is laterally bent forming an extension A³ with a downwardly-bent flange A², laterally-projecting lugs C struck up from the opposite edges of the shank portion of the device, with their upper surfaces in a plane coincident with the end of said flange A² and adapted to hold a file, lugs D also struck up from the opposite edges of the device and projecting slightly in advance of the lugs C and parallel thereto, the lower end of the device being at right angles, as shown and described.

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

ALPHEUS P. HALL.

Witnesses:

C. H. OXMAN,
J. A. SCHAICH.