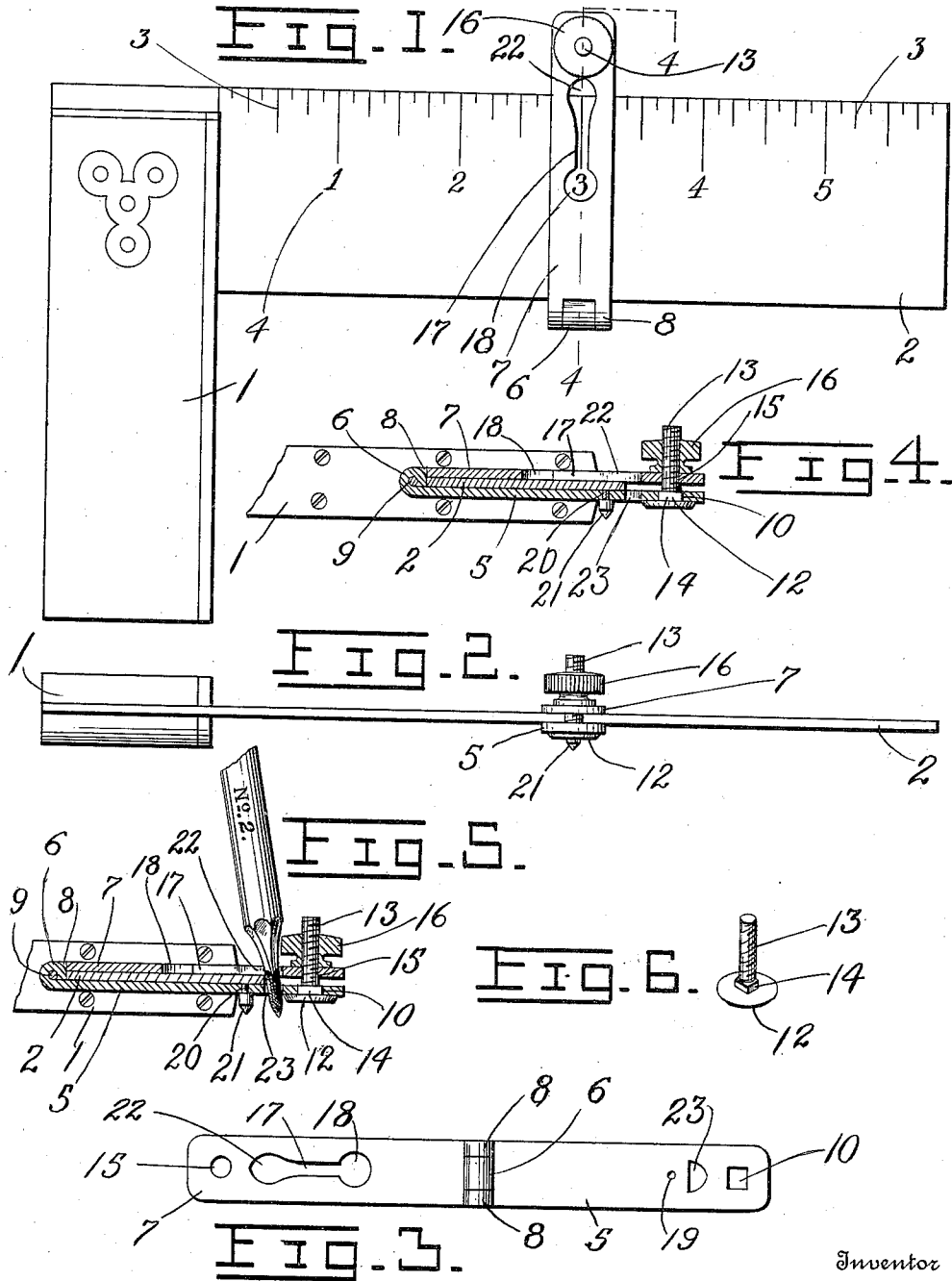


R. S. N. BURDICK.
WOODWORKING TOOL.
APPLICATION FILED SEPT. 5, 1911.

1,043,902.

Patented Nov. 12, 1912.



Witnesses

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RALPH STONS NELSON BURDICK, OF BISHOP, CALIFORNIA.

WOODWORKING-TOOL.

1,043,902.

Specification of Letters Patent.

Patented Nov. 12, 1912.

Application filed September 5, 1911. Serial No. 647,594.

To all whom it may concern:

Be it known that I, RALPH S. N. BURDICK, a citizen of the United States, residing at Bishop, in the county of Inyo and State of California, have invented certain new and useful Improvements in Woodworking-Tools, of which the following is a specification.

My invention relates to improvements in scribing or of an improved attachment for try or other squares which will serve in connection with said square as a scribing, scratching, or marking device, and which may be also attached to any object similar in shape to the blade of a square, to provide a marking or scratching device thereon.

A further object of my invention is the provision of an improved clip adapted to be secured in adjusted position upon the blade of a square, or similarly shaped tool which shall bear means for marking the article along which the square or tool is moved.

Other objects and advantages of my improved device will be readily understood from the following description taken in connection with the accompanying drawings, and it will also be understood that I may make any modifications in the construction shown and described within the scope of the claims without departing from the spirit of the invention.

Figure 1 represents a side elevation of a try square with my improved device applied thereto. Fig. 2 represents a top plan view thereof. Fig. 3 represents a plan view of my invention in open position. Fig. 4 represents a sectional view on the line 4-4 of Fig. 1. Fig. 5 represents a similar view showing the use of the device with a pencil, and Fig. 6 represents a detailed view of the locking screw.

In the drawings, the numeral 1 designates the handle of the square having the blade 2 bearing the graduations 3 designated by the customary numerals 4.

Mounted upon the blade 2 of the square is my improved device comprising the plate 5 having the central curved ear 6 formed at one end and the plate 7 having the curved ears 8 disposed on each side of the ear 6, a pivot pin 9 passing through and pivotally connecting said ears, the downward curving of the ears causing the plates to be spaced apart to readily receive the square blade 2 therebetween.

To secure the device in position upon the

blade of the square, I form in the free end of the plate 5 the squared opening 10 and fitting in the said opening is the head 12 of the clamp screw 13, said screw having the enlarged squared portion 14 for fitting in the hole 10, while the end of the screw projects through the opening 15 in the end of the plate 7 and has engaged thereon the milled thumb nut 16 adapted to be turned on the screw 13 to clampingly engage the plate 7 and draw the plate 5 against the other side of the blade 2 to tightly secure the blade between said plates and prevent the slipping of the device on the square.

To facilitate the correct positioning of my device I form in the plate 7 the longitudinally extending slot 17 which has a lower enlargement 18 adapted to lie in alinement with the numerals 4, whereby as the device is moved along the blade 2, the graduations 3 will appear in the slot 17 to indicate the distance between the central axis of the point and the entrant angle of the square, while the numerals denoting the various divisions such as inches or centimeters will appear in the enlargement 18 of the slot.

Formed in the plate 5 is the socket 19 to receive tang 20 of the marking point 21, said point being in alinement with the center of the slot 17, whereby as the square is moved over a piece of wood the gage point will form a scratch in the wood at the point indicated through the slot 17.

While my attachment is particularly adapted for use upon try or other wood working squares it may also be applied to T squares and when used upon a T square I preferably remove the point 21 to prevent scratching, the slot 17 having an enlarged upper end 22 and the plate 5 having the aperture 23 formed therein and when the device is in closed position coinciding with the enlargement 22 of the slot, said aperture and enlargement being of size and configuration to engage the point of a pencil and permit the same to mark on the surface beneath the square while preventing lateral slipping of the pencil point.

From the foregoing description taken in connection with the drawings, the construction of my improved device will be readily understood, and it will be seen that I have provided a simple and efficient attachment for squares which may be readily applied to or removed from a square and which can

be easily adjusted along the square to the correct point and there secured to serve as either a scratching gage or as a pencil bearing and guiding gage.

5 I claim:

1. An attachment for squares, comprising a pair of plates pivoted to each other at one end, means for clamping the free ends of the plates together, and a removable gage point carried by one of the plates.

10 2. An attachment for squares comprising a pair of plates pivotally connected at one end, means for clamping the other end of the plates to each other to engage the blade of a square therebetween, one of said plates having a key-hole slot formed therein to coincide with one of the graduations and

indicating numerals of the square, and the device having a socket formed therein to engage a marking member. 20

3. An attachment for squares, comprising a pair of plates pivotally connected at one end, means carried by the other ends of said plates for securing the same in an adjusted position on the blade of a square, said 25 plates having coinciding apertures formed therein to engage a marking member.

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

RALPH STONS NELSON BURDICK.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."