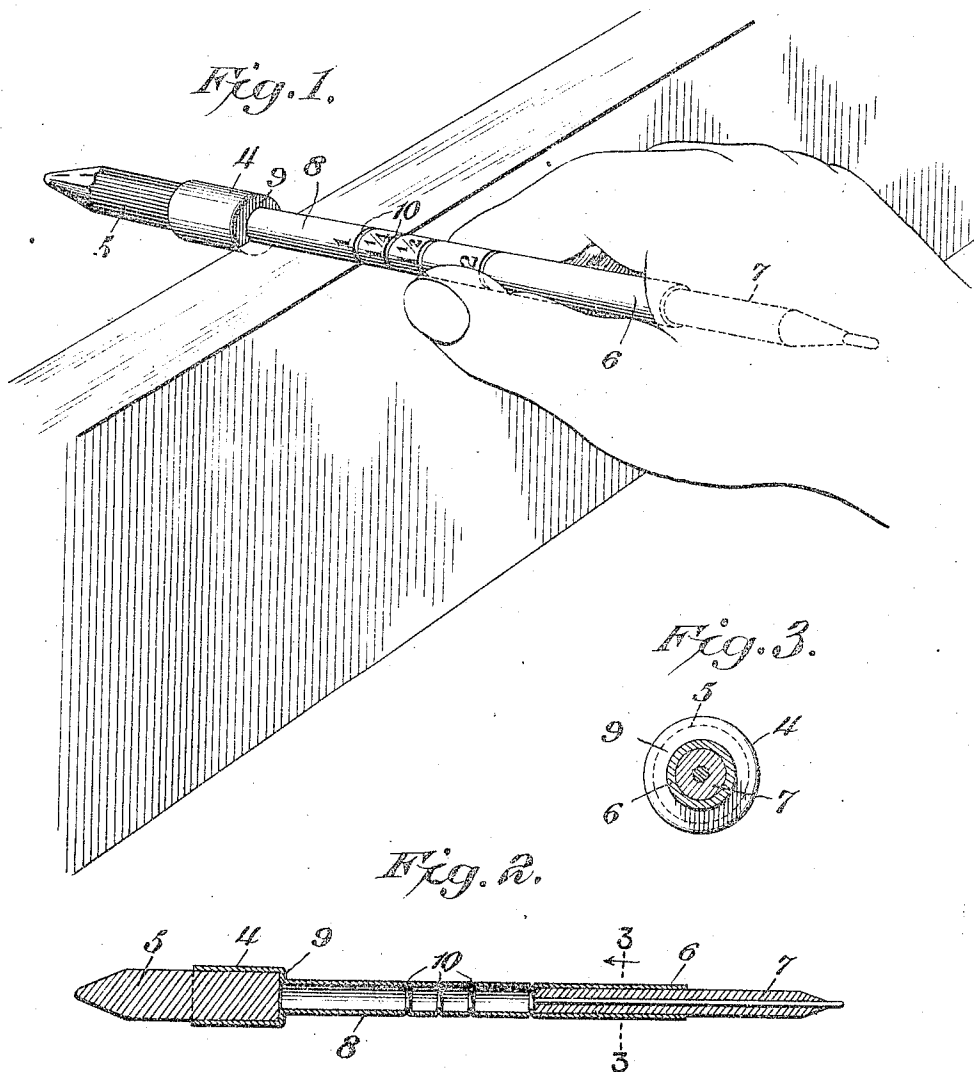


C. P. BREINING.
 COMBINED CRAYON, LUMBER GAGE, AND TALLY PENCIL.
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942,771.

Patented Dec. 7, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

CLAYTON PAUL BREINING, OF HANCOCK, MARYLAND.

COMBINED CRAYON, LUMBER-GAGE, AND TALLY-PENCIL.

942,771.

Specification of Letters Patent.

Patented Dec. 7, 1909.

Application filed June 2, 1909. Serial No. 499,646.

To all whom it may concern:

Be it known that I, CLAYTON PAUL BREINING, a citizen of the United States, residing at Hancock, in the county of Washington and State of Maryland, have invented a new and useful Combined Crayon, Lumber-Gage, and Tally-Pencil, of which the following is a specification.

This invention relates to an improved device especially adapted for use in measuring lumber, marking the same when necessary, and tallying the result in a book or the like.

Heretofore, lumber inspectors have been greatly handicapped in their work on account of the number of articles used because of the fact that the said articles have to be carried in their hands, the articles consisting of a board rule for turning the board on edge, a lumber gage for measuring the thickness of said board, a lumber crayon for marking the board if necessary, a tally book or board, and a pencil for tallying in the book or board, the result of the inspection.

The principal object of the invention is to minimize the number of articles by combining the gage, crayon, and pencil, in a manner hereinafter described, which will greatly assist the inspector in his work.

A further object of the invention is to provide a device of the class described, which will permit of an inspector to readily gage the thickness of the board, mark said board with the crayon if necessary, and mark the result in a book, the said operation being quickly done and without the necessity of removing the combined device from the hand.

A still further object of the invention is to provide a device of the character described, having an enlarged end to receive the crayon, said end forming a stop which will prevent any possibility of the device from slipping through the fingers when the same, together with the board rule, is held in one hand previous to turning a board on edge.

A still further object of the invention is to provide a device which is simple in construction and cheap to manufacture.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing, and pointed out in the claim hereto appended; it being understood that various changes in the form, proportion, size, and minor details of construction, within

the scope of the claim, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing; Figure 1 is a perspective view showing my invention employed as a lumber gage. Fig. 2 is a longitudinal sectional view of the device; and, Fig. 3 is a vertical sectional view of the device, taken on the line 3—3 of Fig. 2, and in the direction of the arrows.

Like reference numerals designate corresponding parts in all the figures of the drawing.

The invention embodies an open-ended tubular casing which is preferably formed of metal, and is adapted to receive in one end 4, a crayon 5, and in the other end 6, a pencil 7, of ordinary size. Intermediate of the ends and integral therewith is a gage 8, the said gage and pencil-receiving end having the same diameter. The crayon-receiving end is formed by an enlargement of the casing and provides an enlarged tubular holder for the crayon. An annular flange or shoulder 9 connects the gage with the end 4, and a plurality of spaced annular depressions or marks 10 constituting a scale are formed around the gage, and preferably associated therewith are suitable numbers for respectively designating their distances from the shoulder 9.

In practice, lumber ranging from one to two inches only, is measured by the gage; hence, the less number of designations on the gage the less confusing it will be for observation. Therefore, I have only shown four of such designations, namely, one-inch, one and one-quarter inches, one and one-half inches and two inches. However, I do not limit myself to this exact number or arrangement, as more numbers or designations can be employed if desired.

By reference to Fig. 2, it will be observed that the shoulder 9 performs a double function. It serves, not only as a shoulder for the gage to contact with the lumber but forms a stop for the crayon 5. It will also be observed that when the article is employed as a gage, the annular depressions of the gage will be always visible to the eye, and therefore no time will be lost by the inspector in locating the scale.

In operation, when the board has been turned on edge by the board rule, the gage is applied to the board, as shown in Fig. 1, and

the thickness thereof is easily and quickly read. Should it be necessary to mark the lumber for any cause whatsoever, the crayon will be in position in the hand for that purpose. The inspector then takes the center of the device as a center, swings the crayon upwardly over the hand, and the pencil outwardly under the hand into a position for writing the result of the inspection in the tally book.

What I claim is:—

A device of the class described, consisting of an open-ended tubular casing, one end adapted to receive a crayon and the other end a pencil, and an intermediate and integral connecting portion forming a gage and having a diameter equal to the pencil-receiving end, the crayon-receiving end hav-

ing a greater interior diameter than the last-mentioned portions and forming an enlarged tubular holder for the crayon, an annular shoulder or flange at the junction of the crayon-receiving end and gage, said shoulder forming a stop for the end of the crayon and also a shoulder for the gage, and a plurality of marks provided on the gage and spaced apart to form a scale of inches and fractions thereof leading off from the said shoulder.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CLAYTON PAUL BREINING.

Witnesses:

A. W. MYERS,
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