

D. L. DENSMORE.
Board Rule and Gage.

No. 199,807.

Patented Jan. 29, 1878.

Fig. 1.

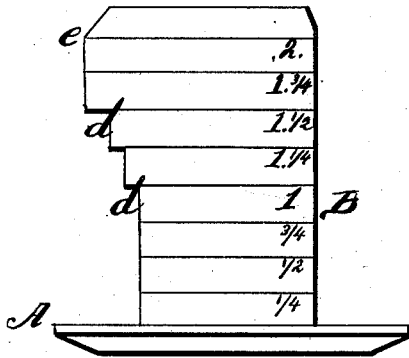
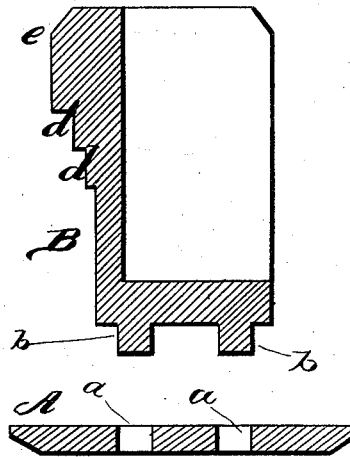


Fig. 2.



WITNESSES
Robert Corvett
George E. Graham

INVENTOR.
David L. Densmore
Gilmore, Smith & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

DAVID L. DENSMORE, OF STANTON, MICHIGAN.

IMPROVEMENT IN BOARD RULE AND GAGE.

Specification forming part of Letters Patent No. **199,807**, dated January 29, 1878; application filed July 7, 1877.

To all whom it may concern:

Be it known that I, DAVID L. DENSMORE, of Stanton, in the county of Montcalm and State of Michigan, have invented a new and valuable Improvement in Board Rule and Gage; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan view of my board rule and gage, and Fig. 2 is a sectional view of the same.

My invention relates to rules for measuring lumber; and it consists in the construction of a combined board rule head and gage, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents a head, of suitable dimensions, made of steel or other metal, and perfectly flat upon its upper side. B is the gage, made of brass or other metal, substantially in the form shown, and fastened to the center of the head A by tenons *b b*, projecting from its lower end into holes *a a* made in the head. The gage B is open at the top and one edge, forming a socket, into which the handle of the rule is to be inserted and fastened by rivets or otherwise.

By this invention the lumber-scaler ascertains the thickness of a board from one inch to two inches or more with ease and rapidity without the use of a separate gage, or handling the board to measure, as now generally done.

In the solid edge of the gage B are made notches *d d*, intended to measure one, one and one-fourth, one and one-half inch, and two inches to the square shoulder *e* near the top.

The lower side of the gage is graduated from one-fourth up to two inches or more.

This invention is cheap and durable, and easily attached to any lumber-rule, and by its use the measuring of the lumber is greatly facilitated.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of a head, A, and a socket-gage, B, graduated as described, and provided with notches *d* and shoulder *e*, or their equivalents, substantially as and for the purposes herein set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

DAVID L. DENSMORE.

Witnesses:

NORRIS J. BROWN,
JAS. F. COVEL.