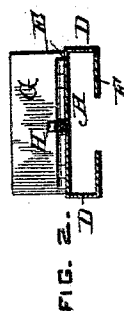
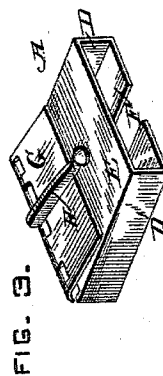
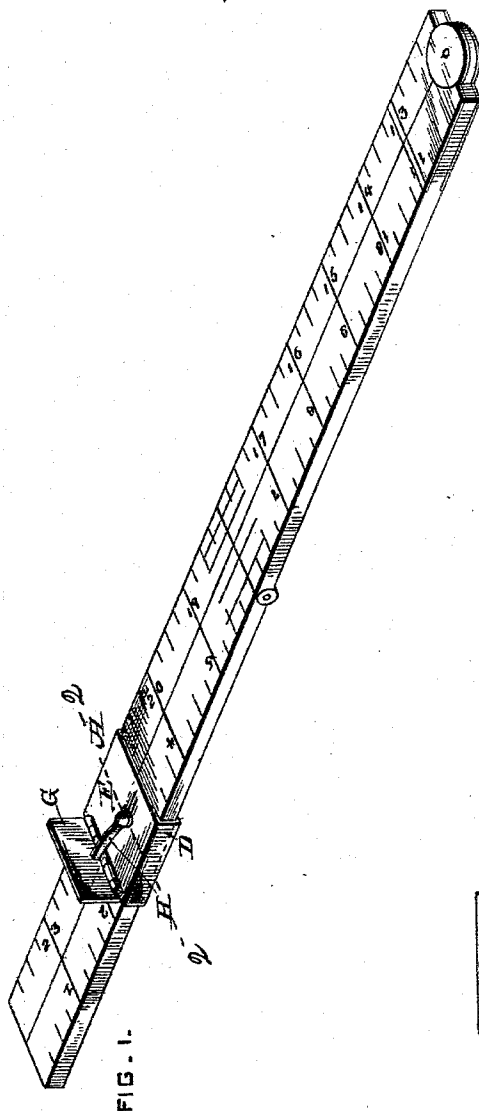


(No Model.)

J. J. McMANUS.
GAGE FOR RULES.

No. 515,550.

Patented Feb. 27, 1894.



Witnesses
John I. Irvine
Chas. S. Hoyer.

Inventor
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UNITED STATES PATENT OFFICE.

JOHN J. McMANUS, OF SAN FRANCISCO, CALIFORNIA.

GAGE FOR RULES.

SPECIFICATION forming part of Letters Patent No. 515,550, dated February 27, 1894.

Application filed June 16, 1893. Serial No. 477,642. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. McMANUS, a citizen of the United States, and a resident of San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Gages for Rules; 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.

My invention is an improvement in gages for rules, designed for greater simplicity, durability and cheapness of construction, and efficiency of operation.

A further object of my invention is to supply a gage by the use of which the fingers are protected from the rough edge of a board when drawing a line thereon parallel with the edge of the board.

I have set forth fully hereinafter the details of construction and the essential features of my invention and illustrated them in the accompanying drawings, in which similar letters of reference designate corresponding parts.

Figure 1 is a perspective view of my improved gage attached to an ordinary carpenter's rule. Fig. 2 is a sectional view through the line 2—2, Fig. 1. Fig. 3 is a perspective view of the gage.

The portion A, made of brass or other suitable metal is bent as shown in Fig. 2, in the form of the letter C, with square corners, the distance between the shorter sides D being equal to the width of the rule, while the distance between the sides E and F corresponds to the thickness of the rule. Hinged to one edge of the upper surface E, is the rectangular plate G, which, when not used as a finger protector, is held flat against E, by means of the swinging catch or arm H.

When it is desired to describe a line parallel to the edge of a board or other surface, the catch H is swung into the position shown in Fig. 1, and the plate G is raised into a position at right angles to the surface E, also shown in Fig. 1. The gage is then placed at

the required distance from the edge of the rule, and the plate G placed against the edge of the board and the line described as in the ordinary manner. When it is desired to ascertain a dimension of a certain object, one end of the rule is placed at the edge of the object while the gage is slid along the rule to the opposite edge of the object.

In order to increase the friction between the gage and the rule, thus preventing the gage from being sensitive to slight pressure, I have bent the ends F slightly upward.

The construction and arrangement of the several parts of my gage being thus made known, the operation and the advantages of the same will, it is thought, be readily understood.

I am aware that changes in the form and proportion of parts of the device herein shown and described as an embodiment of my invention, can be made without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make such changes and alterations as fairly fall within the scope of my invention.

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

1. In an article of the class described, the combination of the sleeve A, adapted to slide on a rule, and plate G, hinged to one side of the upper portion of sleeve A, substantially as and for the purpose set forth.

2. In an article of the class described, the combination of sleeve A, adapted to slide on a rule, plate G hinged to one side of the upper portion of said sleeve, and means for securing plate G flat against the upper surface of sleeve A, substantially as and for the purpose set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN J. McMANUS.

Witnesses:

J. H. KEYS,
E. A. CRAMMER.