July 10, 1928. 1,676,951

H. E. HUNT

RULER

Filed June 13, 1927

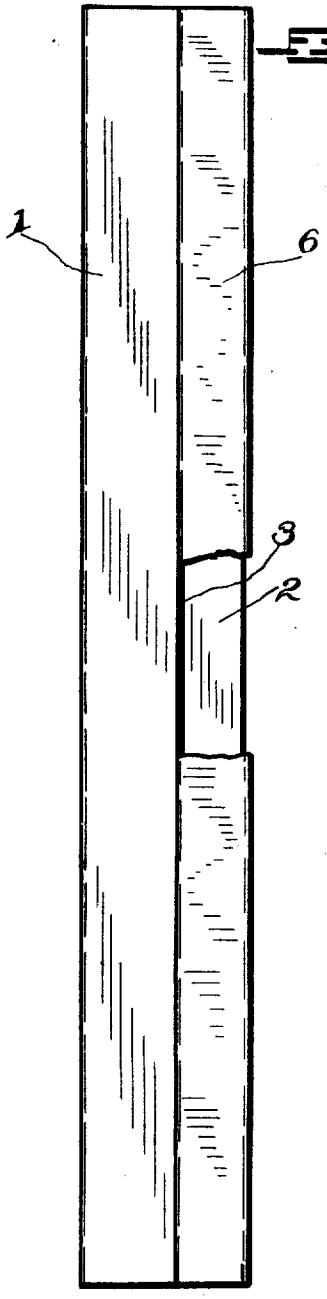


FIG. 1.

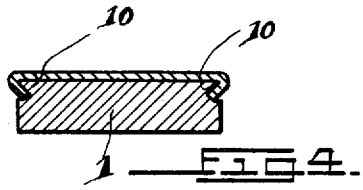


FIG. 4.

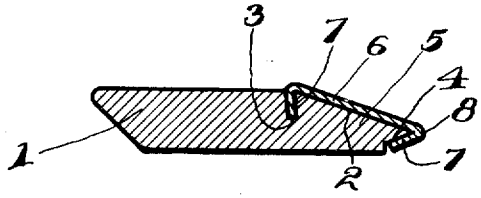


FIG. 2.

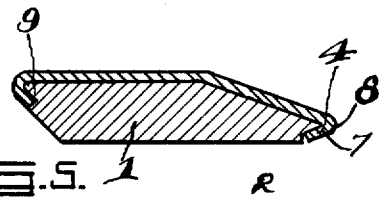


FIG. 5.

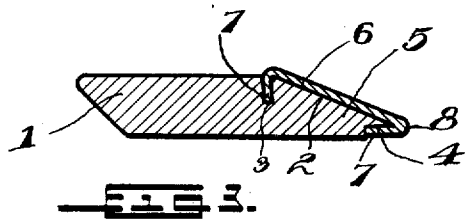


FIG. 3.

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UNITED STATES PATENT OFFICE.

HENRY E. HUNT, OF TORONTO, ONTARIO, CANADA.

RULER.

Application filed June 13, 1927. Serial No. 198,466.

It is common in the art to use either metal or wood in the manufacture of scales and rulers, each material having its advantages for certain purposes.

It has also been common to provide a wooden scale or ruler with an inserted metal strip along its edge to provide a more durable edge, but such rulers are not entirely satisfactory for use in ruling with ink, and it is found in practice that the metal strip soon breaks out.

My object therefore is to devise a ruler of wood and metal, which will combine the advantages of both wooden and metal rulers, and which will be free from the objectionable features of the older type of composite ruler.

I attain my object by forming the body of the ruler of wood, the forward edge of which is preferably bevelled both above and below. In the upper surface of the body a longitudinal groove is formed at an acute angle to the upper bevelled surface of the body. A metal facing is formed with flanged edges adapted to be slipped into position by a movement lengthwise of the ruler with one flange in the groove, the other engaging the under bevelled surface of the wooden body and its main portion overlying the upper bevelled surface of the body.

The ruler is constructed in detail substantially as hereinafter more fully described and is illustrated in the accompanying drawings in which

Fig. 1 is a plan view of a ruler constructed in accordance with my invention, part of the metal facing being broken away.

Fig. 2 a cross section, on an enlarged scale, of a ruler constructed in accordance with my invention;

Fig. 3 a cross section showing a slight modification of the same;

Fig. 4 a cross section showing another modification; and

Fig. 5 a cross section showing still another modification.

In the drawings like numerals of reference indicate corresponding parts in the different figures.

1 is the body, preferably formed of wood. In the form shown in Figs. 1 to 3 the forward edge 2 of the body is bevelled. At or about the point where the bevelled edge joins the top of the body, a longitudinal groove 3 is formed. The underside of the body, at the forward edge, has a rabbet 4 formed therein. The rabbet, together with the groove 3, form a dovetail portion 5. 6 is the metal facing, preferably formed of aluminum or other non-corrosible material. This facing is provided with the flanges 7 adapted to engage the sides of the dovetail portion 5 of the body of the ruler. The metal facing, it will be seen, may readily be slipped into place on the body and, as it will be made a close fit, it will remain permanently in position.

It will be noted that the upper surface of the rabbet is upwardly inclined. From this it results that the edge 8 of the facing, which forms the ruling edge, is raised above any surface on which the ruler may be laid, thus preventing blotting when an ordinary pen is used with the ruler.

In Fig. 4 a modification is shown in which the dovetail portion comprises the whole upper surface of the ruler, the metal covering the whole of the top and the rear side of the body being formed with a rabbet 9 to receive the rear flange of the metal facing.

In Fig. 5 the invention is shown as applied to a ruler without a bevelled edge. At each upper corner thereof is formed a groove 10 to receive the flanges of the metal facing.

What I claim is:

1. A ruler comprising a body having its forward edge bevelled both above and below and formed with a longitudinal groove in its upper surface forming a dovetail with the under bevelled surface; and a flat metal facing having both edges flanged to engage the dovetail.

2. A ruler comprising a body having its forward edge bevelled at the upper side, rabbeted at the lower forward side, and formed with a longitudinal groove in its upper surface at the upper edge of the bevel which groove forms a dovetail with the rabbet and bevelled edge; and a flat metal facing having both edges flanged to engage the dovetail.

Signed at Toronto, Canada, this 7th day of June, 1927.

HENRY E. HUNT.