Sept. 13, 1932. D. W. B. KURTZ, JR 1,877,341

RULER FOR USE BY DRAFTSMEN AND OTHERS IN DRAWING

Filed April 17, 1928

Fig. 1.

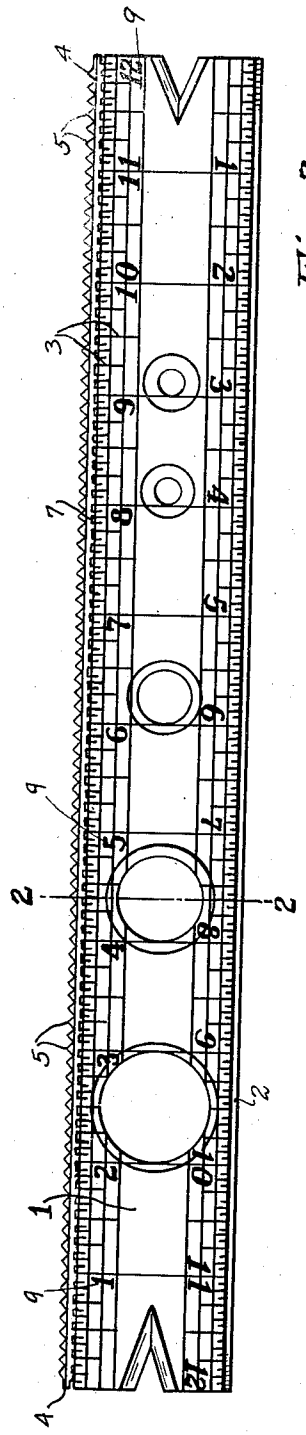


Fig. 3.

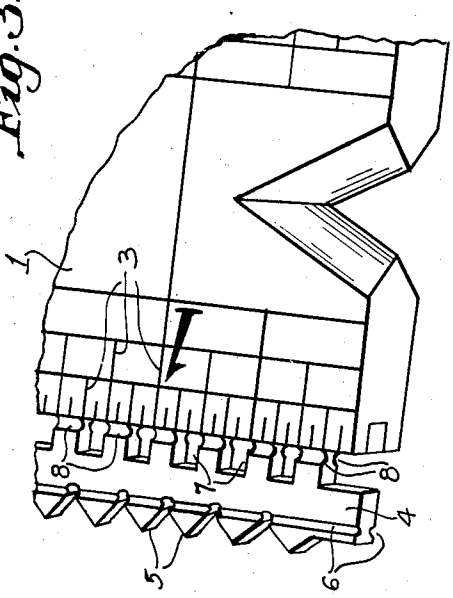
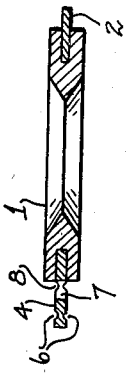


Fig. 2.



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UNITED STATES PATENT OFFICE

DANIEL W. B. KURTZ, JR., OF COLUMBIA, MISSOURI

RULER FOR USE BY DRAFTSMEN AND OTHERS IN DRAWING

Application filed April 17, 1928. Serial No. 270,611.

This invention relates to rulers and more particularly to a drafting ruler.

The object of the invention is to provide an improved ruler having means for drafting a plurality of spaced dash, or dot and dash lines and further adapted to emphasize the transverse marginal indicia of the ruler.

The invention consists in the novel construction, arrangement and combination of parts hereinafter more particularly described and claimed.

One sheet of drawings accompanies this specification as part thereof in which like reference characters indicate similar parts throughout.

Figure 1 is a plan view of a ruler embodying the present invention.

Figure 2 is a transverse cross section taken on line 2—2 of Figure 1.

Figure 3 is a fragmentary enlarged perspective of one end of the ruler.

Referring to the drawing the improved ruler comprises a main body part 1 provided on one edge with a straight metallic strip 2 for drawing straight lines and also provided with the usual transverse measuring indicia 3, here illustrated as representing inches, half inches, quarter inches and eighth inches, with suitable numerals 9 to identify certain major indicia lines.

On the opposite edge of the body 1 is a metallic strip 4 having its outer edge provided with a plurality of uniform notches 5. A groove 6 extends longitudinally of the strip 4 connecting the inner points of these notches 5 for the purpose of guiding a pencil point from one notch to another.

Adjacent the body part 1 the strip 4 is provided with a plurality of spaced rectangular holes 7 arranged in predetermined relationship to the transverse indicia 3 and the notches 5. These rectangular holes 7, it will be observed, provide four points each spaced with respect to both the notches and the indicia, thus providing a choice of four positions with respect to each hole for placing a dot and two means in connection with each hole for drawing a short line. Preferably the hole 7 will be connected by a longitudinally extending groove 8 which functions similarly to groove 6 providing a means for guiding the pencil point from one hole to the next.

Preferably the strip 4 will be similarly grooved on each side as illustrated.

Various modifications in the precise construction nad arrangement of the parts will readily suggest themselves to those skilled in the art and for particular purposes but within the scope of the present invention as claimed.

Having thus fully described my invention, I claim:

An improved ruler having one edge provided with uniform notches and having transverse unit indicia lines and having a plurality of longitudinally aligned holes of rectangular shape each of unit length and arranged to extend between alternate pairs of indicia lines, said holes being uniformly spaced apart and spaced from said notches and positioned in predetermined relationship to the said notches whereby the units are emphasized and one to three parallel broken lines may be drafted as desired.

In testimony whereof he affixes his signature.

DANIEL W. B. KURTZ, JR.