

(No Model.)

W. J. WRIGHT.
RULER.

No. 407,144.

Patented July 16, 1889.

Fig. 1.

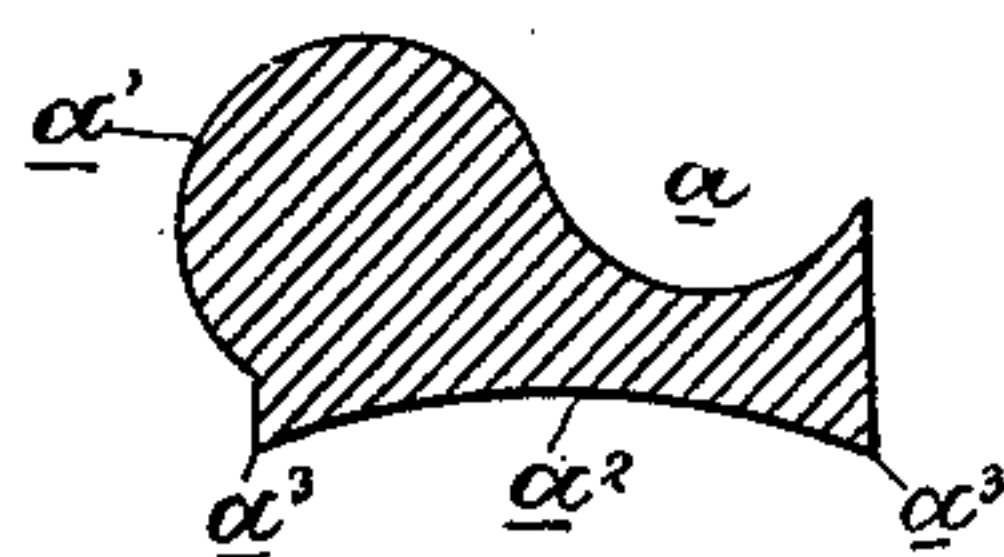
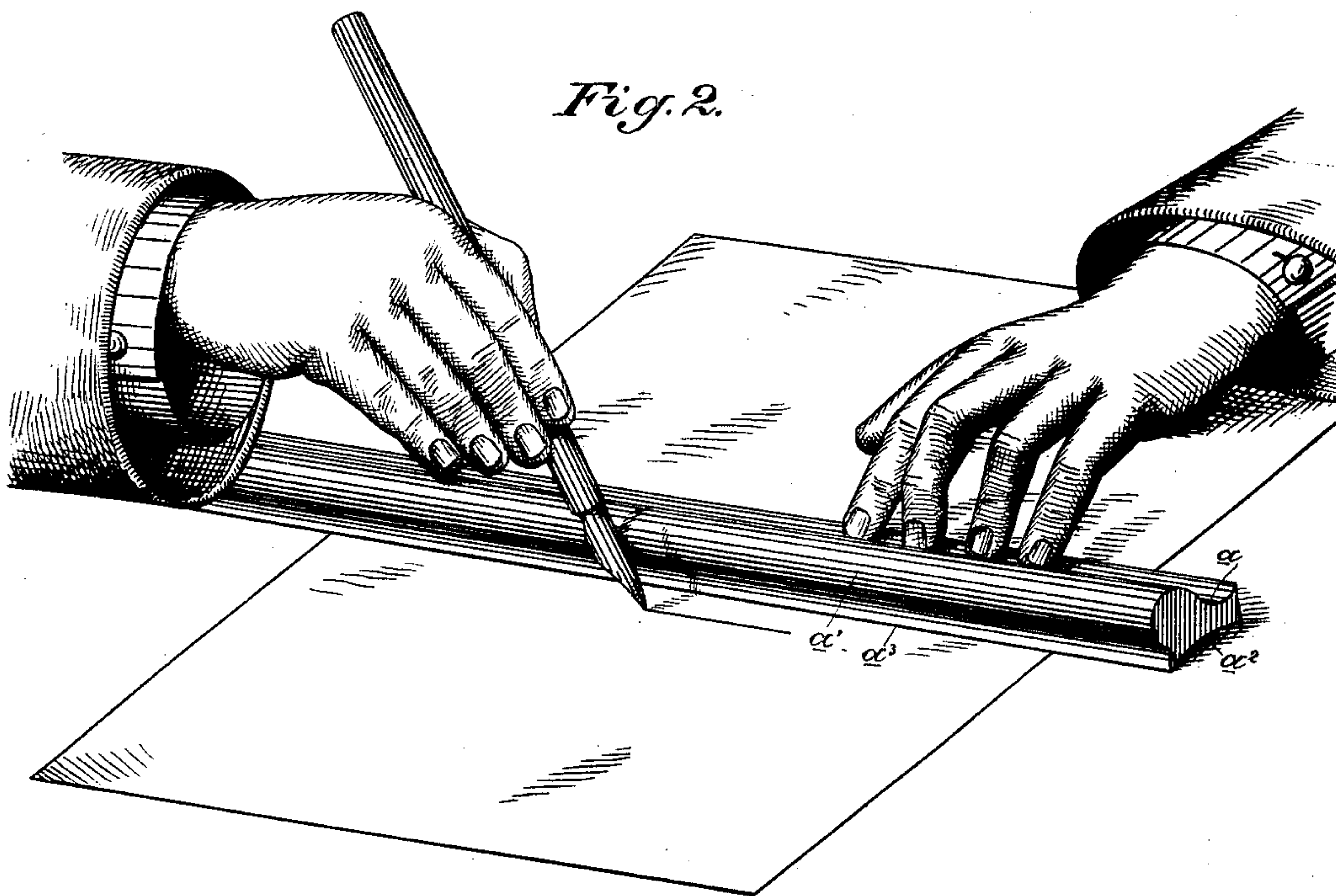


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM J. WRIGHT, OF SAN FRANCISCO, CALIFORNIA.

RULER.

SPECIFICATION forming part of Letters Patent No. 407,144, dated July 16, 1889.

Application filed March 16, 1889. Serial No. 303,610. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. WRIGHT, of the city and county of San Francisco, State of California, have invented an Improvement in Rulers; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to the class of rulers; and my invention consists in a ruler having its upper back surface formed with a longitudinal groove, serving as a finger-hold, its lower surface or base formed with a groove, leaving narrow bearing-edges, on which the ruler rests, and a round ruling-surface on its front projecting over its base.

The object of my invention is to provide a ruler having the stability of a flat or angular ruler, its ruling-edge possessing the advantages of a round ruler, the said ruler being readily movable, and with cleanliness, and being accurately and easily held in place without having the holding-hand interfere with the pen.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is a cross-section of my ruler. Fig. 2 is a perspective view showing its use.

The ruler is composed of a piece so cut and fashioned as to make in its upper back portion a groove a and on its upper front portion a rounded ruling-surface a' , which projects over the base of the ruler. The lower or under side of the ruler is grooved out, as shown at a^2 , and said groove has a width sufficient to leave but two narrow edges a^3 , upon which the ruler rests. The upper groove a furnishes a finger-hold, by which the ruler

may be held steady and without danger of having the hand so holding it interfere with the ruling operation. The groove also allows the holding-hand sufficient grip to effect the easy and accurate movement of the ruler from one position to another. The movement of the ruler is an easy one, requiring but little force. This is due to the reduction of the frictional bearing-surface of the ruler to the two narrow lines or edges, provided for by grooving out its base or lower surface, as shown. The movement is effected without marring the paper or blotting it. The rounded front portion a' of the ruler provides for a perfect ruling-surface, being similar in its advantages to a round ruler, accurate and clean; but my ruler, on account of its shape, is free from the disadvantage of a round ruler, the tendency of which to easily change position by rolling is well known.

I am aware that flat rulers have been made with a rounded guiding or ruling edge, and I do not claim such broadly; but

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

A ruler formed with a groove on its upper back portion, serving as a finger-hold, a groove in its base or under surface, forming narrow bearing-edges on which the ruler rests, and a round ruling portion on its front projecting over its base, substantially as described.

In witness whereof I have hereunto set my hand.

WILLIAM J. WRIGHT.

Witnesses:

S. H. NOURSE,
H. C. LEE.