

R. L. INGEBRIGTSEN.
 RULING PEN ATTACHMENT.
 APPLICATION FILED APR. 27, 1920.

1,360,751.

Patented Nov. 30, 1920.

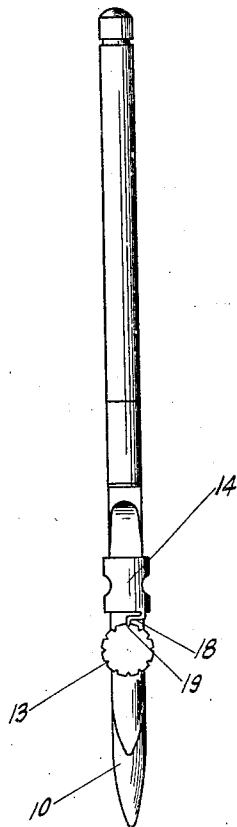


FIG. 1.

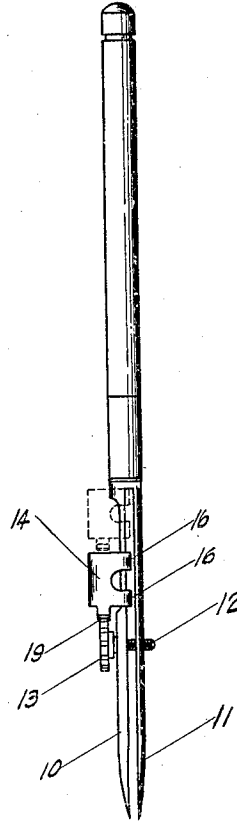


FIG. 2.

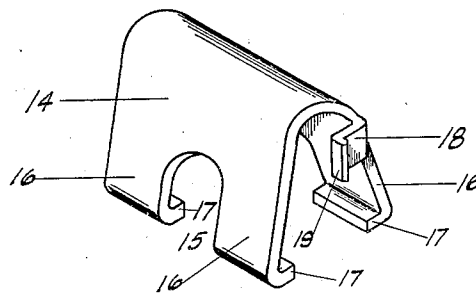


FIG. 3.

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RULING-PEN ATTACHMENT.

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To all whom it may concern:

Be it known that I, RALPH L. INGEBRIGTSEN, a citizen of the United States, residing at Aberdeen, in the county of Grays Harbor, State of Washington, have invented certain new and useful Improvements in Ruling-Pen Attachments; 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.

This invention relates to new and useful improvements in ruling pens and particularly to attachments therefor.

The principal object of the invention is to provide a novel and improved device which can be easily slipped onto one of the legs of the pen and by means of which the adjusting screw can be held at the desired point in its rotation.

Another object is to provide a novel and improved device of this character which can be easily slipped into position for engagement with the adjusting screw and out of such engagement, when desired.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is an elevation of a ruling pen, looking toward the face of the adjusting screw head, showing the invention applied thereto.

Fig. 2 is a side elevation of the same, in operative position being shown in dotted lines.

Fig. 3 is a perspective view of the attachment removed from the pen, and enlarged.

Referring particularly to the accompanying drawing, 10 and 11 represent the legs of the ruling pen, through the former of which is loosely engaged the adjusting screw 12, and in the latter of which the shank of said screw is threadedly engaged, for the purpose of moving the points of said legs toward and away from each other, as will be readily understood. The peripheral face of the head of the adjusting screw is formed with the usual milling notches 13.

The device for engagement with the notches of the head of the adjusting screw is more clearly shown in the perspective view Fig. 3. In said figure the attachment comprises a body portion 14, formed from a single sheet of stiff metal, preferably steel,

bent into the form of an arch. In each of the side portions of the arch there is formed a recess which divides the side into two leg portions 16. The said recess is shown at 15. Each of the leg portions is turned inwardly, at 17, for gripping engagement with the edge of the pen leg 10, as shown in Figs. 1 and 2, the metal being of sufficient stiffness, and resiliency, as to firmly grip the said pen leg. On the outer edge of one of the legs 16 there is formed a tab 18, which is bent to extend transversely from said leg toward the opposite leg, the outer end of the tab being then bent to extend in a direction away from the end of the arch, as shown at 19.

When the device is properly engaged on the leg 10, of the pen, the portion 19, which is preferably formed with a double beveled end, engages with the notches of the head of the adjusting screw 12, so that said screw will be held against rotation in either direction. However, upon exerting some slight force, the user of the pen can turn the screw, whereupon the end 19 will ratchet over the notches of the head, and drop into one of them when rotation is stopped.

When it is desired to use the screw without the holding attachment, said attachment may be slipped upwardly on the leg 10, as shown in dotted lines in Fig. 2, thus moving the end 19 away from the head of the screw.

The double bevel on the outer end of the portion 19 permits the screw head to be rotated in either direction, while said end engages with the notches, said end ratcheting over the notches, as will be readily understood.

It will be noted that the device is formed from a single piece of metal, and is of such form as to permit it being easily and quickly slipped onto the leg of the ordinary ruling pen. It will, of course, be understood that the screw 12 is first removed, to permit the attachment being slipped onto the leg. The fact that the arched portion of the device extends outwardly to a slight distance from the outer face of the leg 10, of the pen, permits the operator to get a firm hold with his fingers, when applying, or removing the device, or when slipping the same upwardly out of operative position.

The device being formed, preferably, from spring steel, the tab 18 will be possessed of the proper amount of flexibility to

permit the screw head being turned by the user.

What is claimed is:

1. A screw holding device for a ruling
5 pen comprising a resilient body having gripping portions for engagement with one leg of a pen, and a resilient tab for engagement with the notched head of the adjusting screw of a pen.
- 10 2. An attachment for a ruling pen comprising a resilient arched member having

feet formed with inturned ends, and a resilient tab formed on one end of the arched member and offset with relation to its point of attachment to the arched member and 15 having a double beveled point.

In testimony whereof, I affix my signature, in the presence of two witnesses:

RALPH L. INGEBRIGTSEN.

Witnesses:

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PHIL S. LOCKE.