

No. 695,738.

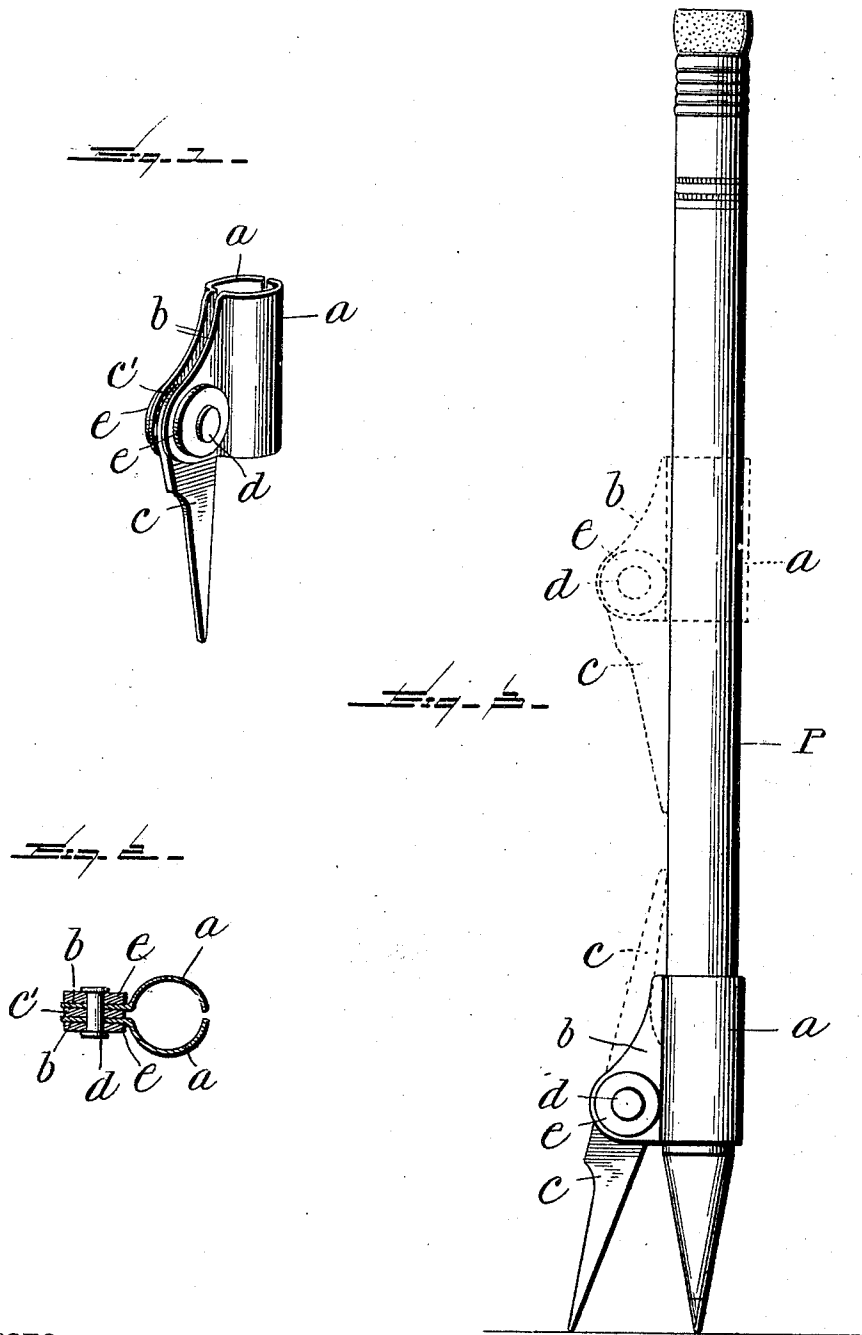
Patented Mar. 18, 1902.

E. KRAUSS.

PEN OR PENCIL ATTACHMENT FOR SPACING LINES IN RULING PLAIN PAPER.

(Application filed Dec. 7, 1901.)

(No Model.)



WITNESSES

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UNITED STATES PATENT OFFICE.

EMIL KRAUSS, OF HACKENSACK, NEW JERSEY, ASSIGNOR TO EAGLE PENCIL COMPANY, OF NEW YORK, N. Y.

PEN OR PENCIL ATTACHMENT FOR SPACING LINES IN RULING PLAIN PAPER.

SPECIFICATION forming part of Letters Patent No. 695,738, dated March 18, 1902.

Application filed December 7, 1901. Serial No. 85,043. (No model.)

To all whom it may concern:

Be it known that I, EMIL KRAUSS, a citizen of the United States, and a resident of Hackensack, in the State of New Jersey, have invented a new and useful Pen or Pencil Attachment for Spacing Lines in Ruling Plain Paper, of which the following is a specification.

This device is an attachment adapted to be readily applied to, adjusted upon, and removed from a penholder or a lead-pencil, and is designed to furnish a ready means for conveniently spacing lines to be ruled on plain paper. It is designed more particularly for use by children or in schools, but can of course be put to general use wherever its services may be required.

The invention will first be described by reference to the accompanying drawings, forming part of this specification, and will then be more particularly pointed out in the claims.

In the drawings, Figure 1 is a view of the attachment disassociated from a pencil. Fig. 2 is a cross-section of the same. Fig. 3 represents it as fitted on a pencil.

The device consists of a sleeve adapted to fit upon a pencil and to retain its position thereon by a frictional hold, which will permit it to slide lengthwise of the pencil, and a leg hinged to the pencil and adapted to have its point set at the desired distance from the point of the pencil. In the present instance the sleeve has the form of a longitudinal split-spring clasp-sleeve, which is composed of two sheet-metal clips formed each with a semicylindrical part *a* to fit the pencil *P* and with an ear *b*. Between the two ears *b* of the clips is placed the boss or hub *c'* of the leg *c*, and the parts are held together by a rivet or cross-pin *d*, which passes through them and through sheet-metal washers *e* on the exterior opposite faces of the ears *b*. The pin is headed up at the ends, so as to secure the parts firmly together, and the leg can turn upon the pin as a pivot, the joint being a sufficiently tight one to hold it by friction in any position to which it may be moved. The washers can be spring-acting, if desired, so as to assure the requisite frictional action. The leg *c* is a short leg made of sheet metal trimmed down on the back or outer edge, so that it will run smoothly

against the edge of the rule in connection with which it is used, whether it is held in an upright or a slanting position, and having a smooth blunt rounded point or front end which will run smoothly over paper without scratching it. When the device is used, the pencil is held in the hand, not as a pair of compasses would be held, but as a pencil ordinarily is held in writing.

When the attachment is to be used, it is fitted upon the front end of the pencil, with the point of the leg about in alinement with the point of the pencil, and then the leg is opened so as to carry its point away from the point of the pencil a distance equal to the desired space between the lines to be ruled. A rule is laid and held down upon the paper, and then the leg *c* is placed against the edge of the rule and a line is drawn across the paper with the pencil, the leg *c* following the edge of the rule. In this way it is easy to rule lines and preserve their parallelism, as well as equal spacing. The attachment when not in use can be removed from the pencil or can be slid back thereon out of the way, as indicated by dotted lines in Fig. 3.

The device can be readily made, is inexpensive, and is convenient and effective for the purpose for which it is designed. It can of course be used in connection not only with a pencil, but with a pen or other marking implement, and I desire to be understood as including this in my claim.

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

The pen or pencil attachment for ruling lines, comprising two sheet-metal clips having ears *b* and semicylindrical portions *a* adapted to clasp and to be adjusted lengthwise of the pencil, the leg *c* interposed between the ears *b*, and having an outer edge adapted to run smoothly against the edge of the rule, and a smooth blunt rounded point or outer end, and the pivot-pin *d*, all constructed as and for the purposes hereinbefore set forth.

In testimony whereof I have hereunto set my hand this 5th day of December, 1901.

EMIL KRAUSS.

Witnesses:

SAMUEL KRAUS,
P. H. BUCKMASTER.