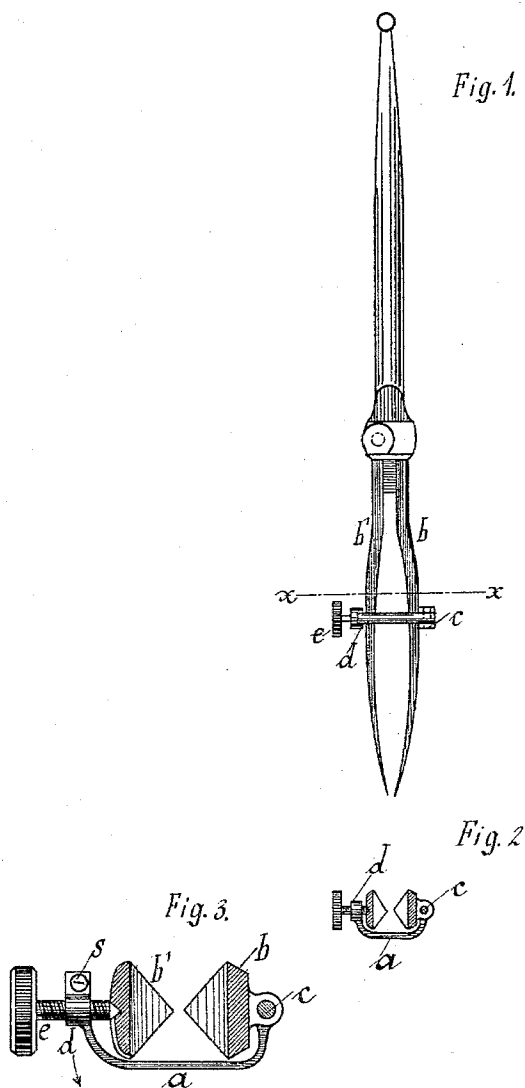


(No Model.)

A. BULL.
DRAWING PEN.

No. 566,654.

Patented Aug. 25, 1896.



WITNESSES:

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DRAWING-PEN.

SPECIFICATION forming part of Letters Patent No. 566,654, dated August 25, 1896.

Application filed December 2, 1895. Serial No. 570,836. (No model.) Patented in Belgium June 17, 1895, No. 11,697; in England June 17, 1895, No. 11,747; in France June 17, 1895, No. 248,188; in Switzerland June 17, 1895, No. 10,609; in Germany June 18, 1895, No. 84,479; in Hungary June 29, 1895, No. 3,119, and in Austria July 8, 1895, No. 45/2,504.

To all whom it may concern:

Be it known that I, ANDERS BULL, a subject of the King of Sweden and Norway, and a resident of Christiania, in the Kingdom of Norway, have invented certain new and useful Improvements in Drawing-Pens, of which the following is a full, clear, and exact description, the same having been patented in Germany June 18, 1895, No. 84,479; in Belgium June 17, 1895, No. 11,697; in England June 17, 1895, No. 11,747; in Austria July 8, 1895, No. 45/2,504; in Hungary June 29, 1895, No. 3,119; in France June 17, 1895, No. 248,188, and in Switzerland June 17, 1895, No. 10,609.

The present invention consists of a device by means of which a drawing-pen may be re-adjusted to produce a line of constant thickness after the pen has been opened, for instance, for the purpose of cleaning the same, the readjustment to produce a line of the same thickness as had been made before the pen was opened being effected by means of a swinging arm hinged to one of the pen-tongues and carrying an adjustable screw to operate on the opposite tongue, as hereinafter described.

In order to render the present specification more easily intelligible, reference is had to the accompanying drawings, in which similar letters of reference denote similar parts throughout the several views.

Figure 1 is a side elevation of the pen; Fig. 2, a section on line *x x* of Fig. 1; and Fig. 3 a similar section to Fig. 2, but drawn to a larger scale.

The drawing-pen is of the usual construction, with tongues or nibs *b b'*, of which one may be arranged on a hinge, if desired. To the nib *b* is pivoted, at *c*, one end of a bow-arm *a* having, at its opposite end a boss *d*, in which the adjusting-screw *e* of the pen fits, its point being arranged to advantageously penetrate the back of the nib *b'* slightly.

The device operates in the following manner: When it is required to clean the pen and then to adjust it to exactly the same thickness of line as it had previously produced, the tongues or nibs *b b'* are pressed slightly

together, so as to allow the point of the screw *e* to be withdrawn from the indentation at the back of the nib *b'*. The arm *a* is then thrown back and the pen cleaned in the ordinary manner. The arm *a* with the adjusting-screw is then replaced and the pin is readjusted exactly as before. The screw *e* should fit the boss *d* of the arm *a* rather tightly in order to prevent its being inadvertently turned during the cleaning operation. In order to be able to adjust the tightness of the said screw, the boss *d* is advantageously split and provided with a tightening-screw *s*, as shown at Fig. 3.

I claim as my invention—

1. In a drawing-pen the combination of a bow-arm, embracing both the nibs and being pivoted to the back of one nib, said arm having at its free end an adjusting-screw to operate the second nib substantially as described.

2. In a drawing-pen, the combination of a bow-arm *a* pivoted to the back of the nib *b*, and carrying at its free end an adjusting-screw *e* to fit a depression in the opposite nib and means for tightening the fit of said adjusting-screw as specified.

3. In a drawing-pen the combination of the arm *a* pivoted to the back of one nib *b* and embracing the other nib, a boss *d* at the end of said arm, a screw to fit said boss and operate on the second nib and means for tightening said screw substantially as described.

4. The combination of the arm *a* pivoted at one end to the back of the nib *b*, a boss *d* at the free end of said arm, being divided and having clamping-screw *s*, a screw *e* mounted in said boss and adapted to bear with its point on the back of the opposite nib substantially as described and shown.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

ANDERS BULL.

Witnesses:

HORACE GADE,
OLE BULL.