

No. 725,859.

PATENTED APR. 21, 1903.

E. MÖLLER.
APPARATUS FOR DRAWING PARALLEL LINES.
APPLICATION FILED MAR. 31, 1902.

NO MODEL.

FIG 1

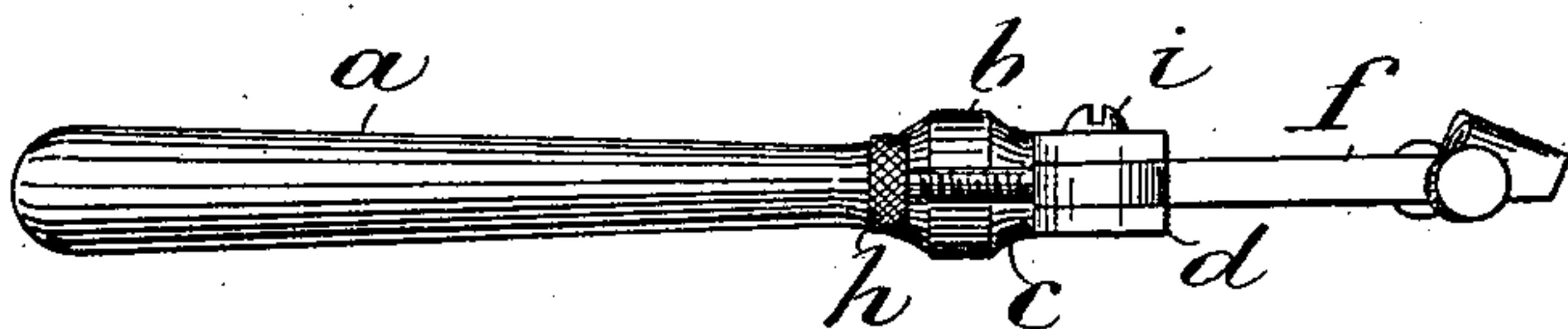


FIG 2

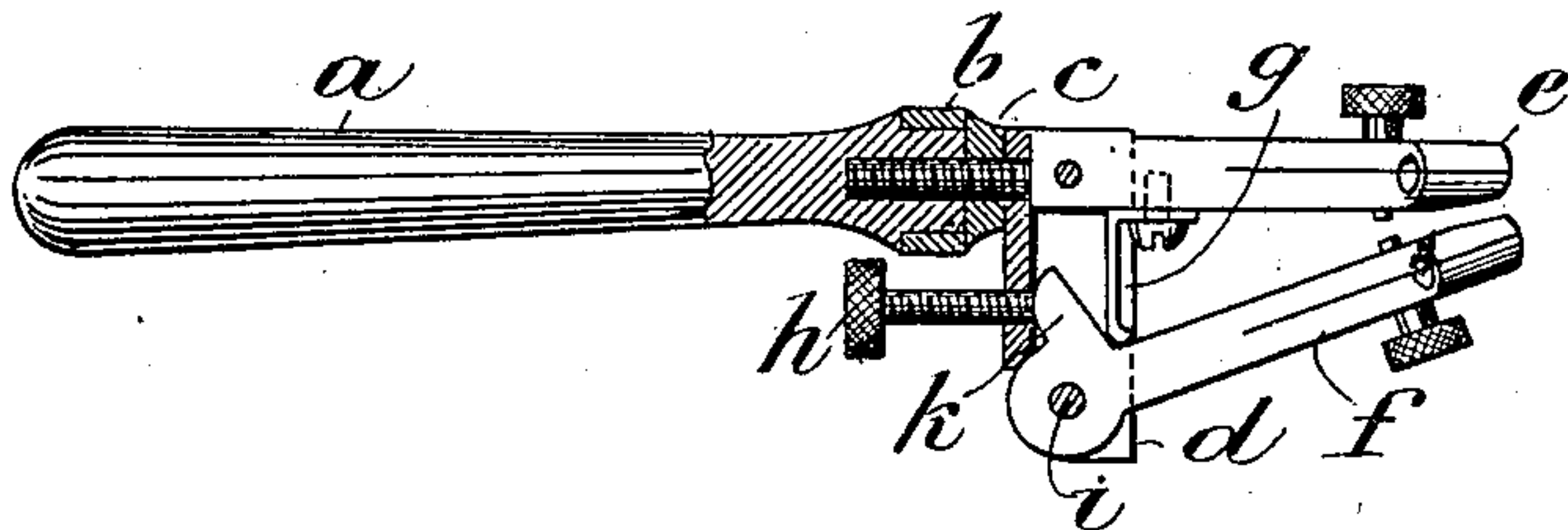
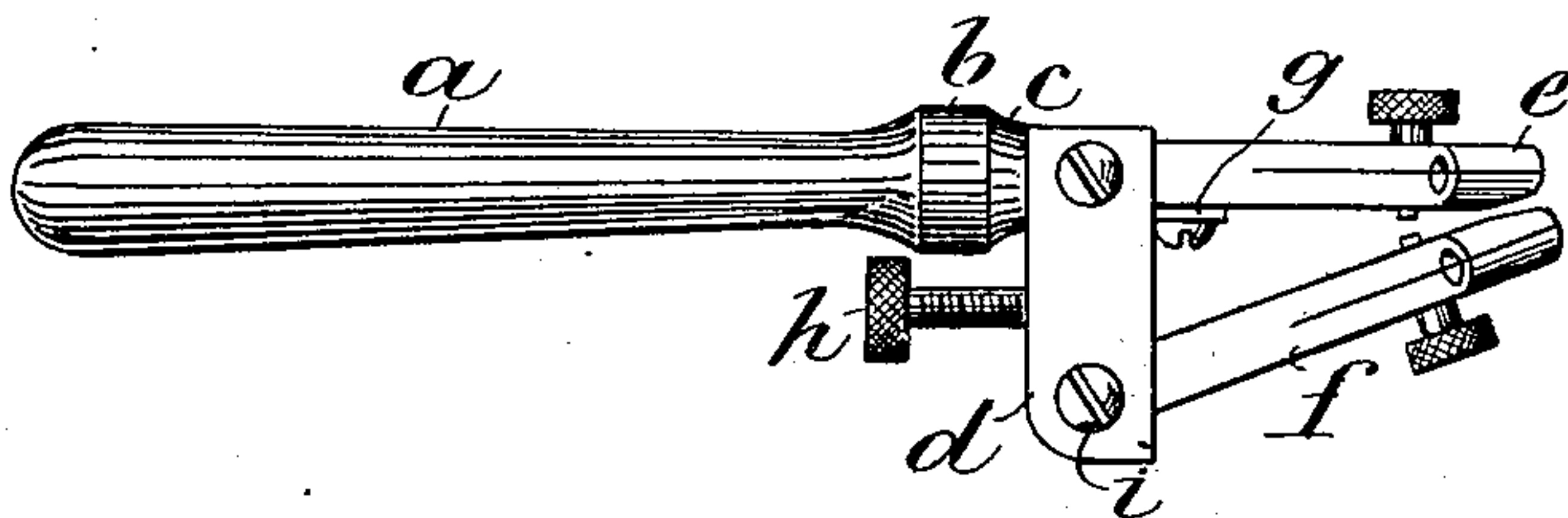


FIG 3



Witnesses

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UNITED STATES PATENT OFFICE.

EMANUEL MÖLLER, OF AARHUS, DENMARK.

APPARATUS FOR DRAWING PARALLEL LINES.

SPECIFICATION forming part of Letters Patent No. 725,859, dated April 21, 1903.

Application filed March 31, 1902. Serial No. 100,874. (No model.)

To all whom it may concern:

Be it known that I, EMANUEL MÖLLER, of Aarhus, in the Kingdom of Denmark, have invented certain new and useful Improvements in Apparatus for Drawing Parallel Lines, of which the following is a specification.

The invention consists of an apparatus for drawing parallel lines, and in the form shown it is principally applicable for use in connection with accounts and the like in offices; but as a matter of course it may also be used for all other ruling-work.

The invention is shown in the annexed drawings.

Figure 1 is a side view of the apparatus. Fig. 2 shows the apparatus in another aspect with a part of it in section. Fig. 3 is the same view of the apparatus as that given in Fig. 2, but without any part in section.

The apparatus comprises a handle *a*, of wood or other suitable material, into which is fastened any well-known device for drawing a line—for example, an adjustable “point-holder” *e*. In order that the handle may not split, a metal ring *b* and washer *c* are fixed on its end, thus forming a smooth or even surface at the junction between the handle and the other portion of the apparatus.

A rectangular plate *d* of U shape in section projects from the aforesaid device and carries a pivotal pin *i*, on which is pivoted the other movable point-holder *f* or its equivalent, which is arranged to swing or move about *i*. The point-holder *f* is provided on one side

at the inner end with a projection *k*, and in its normal position it is pressed and held close against the point-holder *e* by the spring *g*, pressing on the projection *k*. Through the U-shaped plate or arm *d* a screw *h* is passed, and when it is screwed in this screw presses upon the projection *k* of the point-holder *f*, providing a means of moving or adjusting the free end of the latter in relation to the holder *e* to any desired extent.

By use of this device parallel lines may be drawn at various distances from each other according as the screw *h* is screwed in more or less.

What I claim is—

An appliance for drawing parallel lines comprising in combination a handle, a point-holder or the like fastened rigidly thereto, a laterally-extended holder of U-shaped section fixed rigidly thereto, a vibratory point-holder pivoted within said holder, and having a rigid arm extending within said holder, a spring bearing against said arm and operating to press it toward one extreme, and a screw in said holder, bearing upon said arm in a contrary direction to the pressure of said spring for adjusting it in the direction of the other extreme for the purpose set forth.

In witness whereof I have hereunto set my hand in presence of two witnesses.

EMANUEL MÖLLER.

Witnesses:

MARIA MÖLLER,
MAGNÜS JENSEN.