

No. 725,859.

PATENTED APR. 21, 1903.

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

NO MODEL.

FIG 1

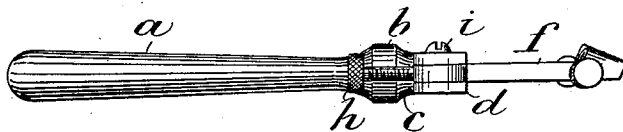


FIG 2

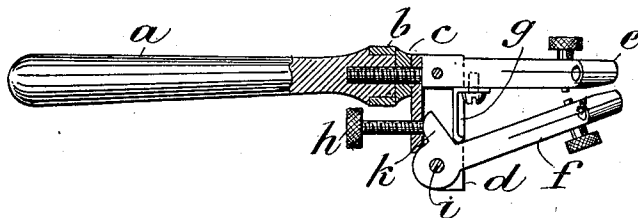
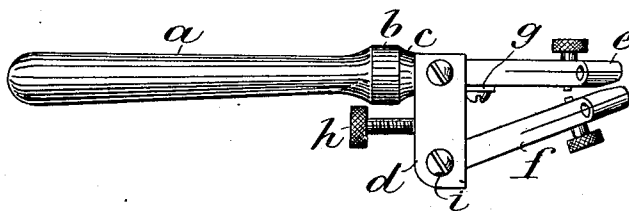


FIG 3



Witnesses

E. M. Moore

R. H. Hadden

Inventor

Emanuel Möller

by

R. H. Hadden

Attorney.

# 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 accordingly 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.