

(No Model.)

H. H. LOVE.  
RULING PEN.

No. 454,220.

Patented June 16, 1891.

FIG. 1.

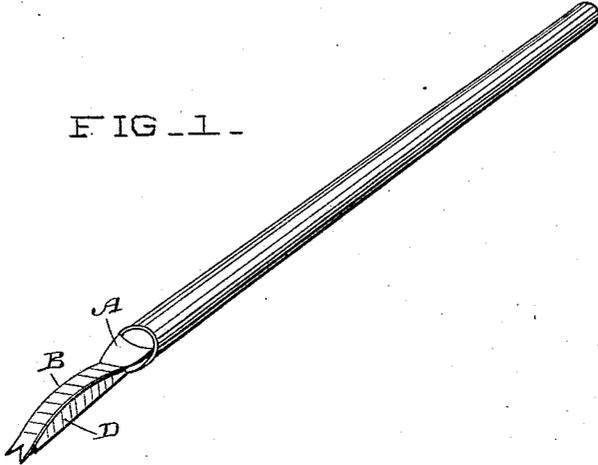
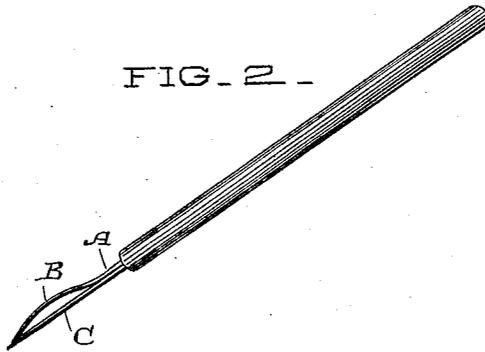


FIG. 2.



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# UNITED STATES PATENT OFFICE.

HARRY H. LOVE, OF SACRAMENTO, CALIFORNIA.

## RULING-PEN.

SPECIFICATION forming part of Letters Patent No. 454,220, dated June 16, 1891.

Application filed November 5, 1890. Serial No. 370,407. (No model.)

*To all whom it may concern:*

Be it known that I, HARRY H. LOVE, a citizen of the United States, residing at Sacramento, Sacramento county, State of California, have invented an Improvement in Ruling-Pens; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a novel ruling-pen which is especially applicable for the use of book-keepers.

It consists of a pen having points so made that it is adapted to make either double or single lines, and in certain details of construction, which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a perspective view of the pen from one side. Fig. 2 is a view taken at the opposite side from Fig. 1, showing the arrangement of the points.

In book-keeping and in balancing books double and single lines in red ink are in constant use, and these lines are either made by successive strokes of an ordinary ruling-pen or by using an expensive draftsman's mechanical pen.

My invention is designed to provide an inexpensive pen to be used with any ordinary pen-holder by which this work can be done.

It consists of a shank A, which is made of such shape as to fit a pen-holder, being either curved like the ordinary writing-pen or flat to fit a flat slot in the pen-holder. From the lower end of this shank extend two plates B and C, which are arched or separated near the middle. These two plates, being united at the point of starting at the lower end of the shank, are separated in the center by reason of the arched form, and they approach each other so as to come in contact at the outer end. These plates are of any suitable width on the face, and at their meeting ends they are cut into the form of a V-shaped notch, so as to make two points, one upon each side of the notch. This notch is made of such width that the points when resting upon the paper will make parallel lines of any suitable fineness, these lines always being separated by a constant

space equal to the width of the V-shaped notch.

The open or arched space between the plates which form the pen serves to contain ink and act as a fountain for the pen-points. These points may be made of any suitable or usual material which will withstand the corrosive action of the ink and the wear caused by continual use. In the present case I have shown a supplemental plate D, secured to the lower one, extending from the shank to near the points and having one side turned up, so as to close the opening between the two plates; but the upper plate is not attached to the upper edge of this upturned plate. This upturned side serves as a shield to prevent the ink within the pen from being deposited upon the edge of the ruler when the instrument is in use. When the pen is drawn along the paper with two points resting upon the surface, it will make parallel lines, these lines being always separated by a constant distance, which is that determined upon for this class of work. Whenever it is desired to make a single line, the pen is turned very slightly, so that only one of the points rests upon the paper, and then a perfect single line will be made.

By the use of this pen the double lines used in book-keeping are all symmetrical, and both double and single lines can be made much more rapidly than with ordinary pens. If desired, the handle may serve as a fountain to supply ink continuously to the pen in the usual manner of fountain-pens.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A pen consisting of a shank, two elastic arms extending from said shank and arched or separated in the center and having the outer ends meeting or in contact, said outer ends having a V-shaped notch forming two points separated by the width of the notch, whereby parallel lines may be drawn, substantially as herein described.

2. A pen consisting of the shank, the two elastic plates extending from the shank and arched or separated in the center and having

the outer ends meeting or in contact, said  
outer ends having the V-shaped notch, so as  
to form points separated by the width of the  
notch, whereby parallel lines may be drawn,  
5 and a guard-plate attached to one of the plates  
forming the pen-point, substantially as herein  
described.

In witness whereof I have hereunto set my  
hand.

HARRY H. LOVE.

Witnesses:

HENRY H. FASSETT,  
ELLIS KILGORE.