

L. Edwards.
Paper Ruling Mach.
N^o 1,309. Patented Aug. 31, 1839.

Fig: 1.

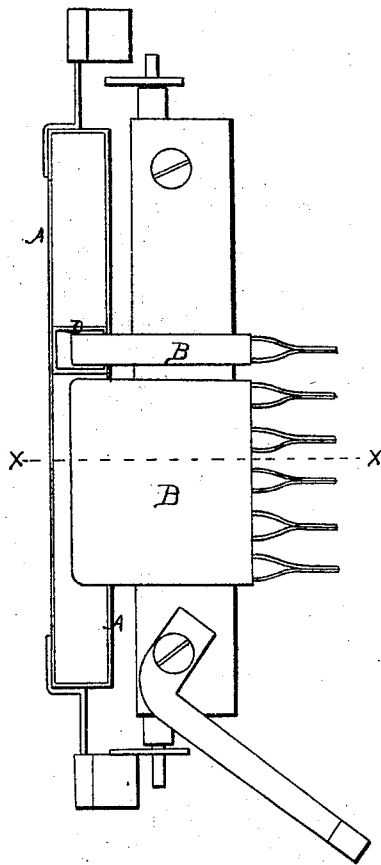
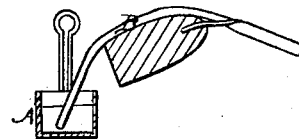


Fig: 2.



UNITED STATES PATENT OFFICE.

LEWIS EDWARDS, OF NORWICH, CONNECTICUT.

MODE OF SUPPLYING INK TO THE PENS OF PAPER-RULING MACHINES.

Specification of Letters Patent No. 1,309, dated August 31, 1839.

To all whom it may concern:

Be it known that I, LEWIS EDWARDS, of Norwich, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Supplying Ink to the Pens of Common Ruling-Machines, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

10 Figure 1 represents a top view of said improved part of the paper ruling machine. Fig. 2 represents a vertical section at the line *x x* of Fig. 1.

Similar letters refer to similar parts.

15 The nature of this improvement consists in a new mode of supplying ink to the pens, by which mode the constant application of ink with a brush is obviated, as the pens supply themselves from a fountain in the following manner: Behind the pens I place 20 a metallic trough A in which the ink is deposited. I lay one side of a cloth B across the pens C. The other side is placed in the

ink in the trough. By raising or lowering the trough the discharge of the ink is regulated as is wanted. In the large trough A I place small ones D, which are movable and are for containing various colored inks.

The kind of pens which I usually employ are those generally supplied by means of a cloth and brush.

What I claim as my invention and which I desire to secure by Letters Patent consists in—

The peculiar mode of supplying the pens with ink by the combination of the cloth and ink trough one side of the cloth being placed over on the pens and the other immersed in the ink in the trough as before described which trough also contains smaller troughs 40 for various colored inks as herein set forth.

LEWIS EDWARDS.

Witnesses:

C. H. WILTBERGER,
EDWD. MAHER.