is not in print.

9231X

E. A. Hibbard.

Balance Scales.

Patented Nov. 7, 1835.

Fig 3.

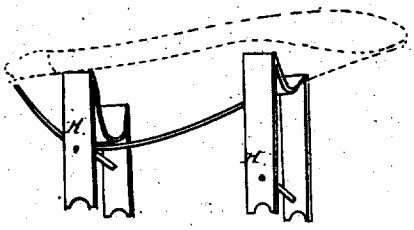


Fig 1.

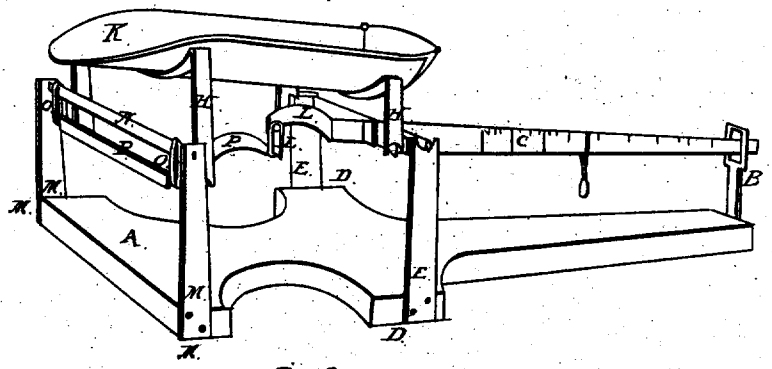
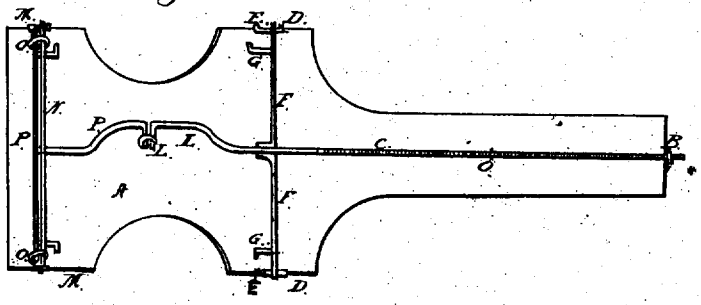


Fig 2.



THE NORRIS PETERS CO., WASHINGTON, D. C.

Vol. Y. 1835

Chas A. Hilliard Lunenburg Vt.

9231X

11/7/1825

Letter Patent

To all to whom these Letters Patent may come, Be it known that I Chas A. Hilliard of Lunenburg in the County of Essex and State of Vermont have invented a new and useful Improvement in Machinery for Making Screws &c. which I do hereby declare that the following is a full and exact description thereof.

A ground is made of cast iron, which is long enough to receive the screw blank, & high enough to allow the head of the screw to pass under the frame, & wide enough to receive the screw blank between the standards. The standards are made of cast iron, & are fastened to the ground by screws. The standards are made of cast iron, & are fastened to the ground by screws. The standards are made of cast iron, & are fastened to the ground by screws.

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Then another Continuation of annular projections, and a pivot bearing similar dimensions to the one above mentioned directly of the beam as shewn Suspended in the two Suspendary and the Counter Comprising Links then a Cricket with four Pole Circular Concave at the lower end of each is set in the bearings at the right angles of the projections

The Cricket is Circularly shaped at the top to receive the tinsel of the weight is attained by mounting the poise on the graduated beam. The Counter balance is composed wholly of iron or some other hard metal, It is also portable. The Scoop is also portable to remain from the balance

There are three ancient principles in it viz: as the tin scoop the beam graduated with notches and figures &c. Which I do not Claim as any invention but what I mean to claim is the general Construction of it but more particularly the position of weight with a scoop and beam without and Besides using it to weigh in Counties and for family use I design using a platform in the place of the tin scoop and substitute it for platform Scales in some cases.

Witnesses
George O Grove
Wm H Grove

Elias H Hubbard

585 words

(Drawing Restored)