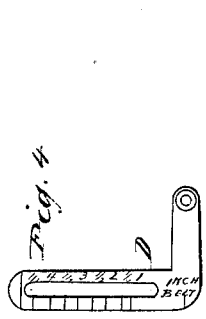
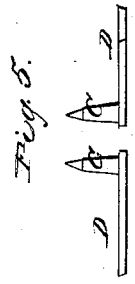
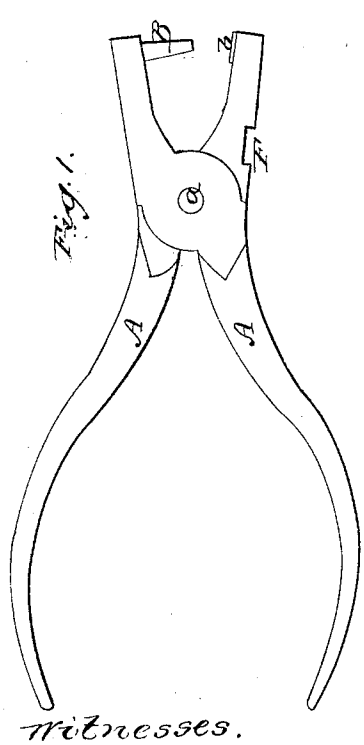
C. D. Wheeler,

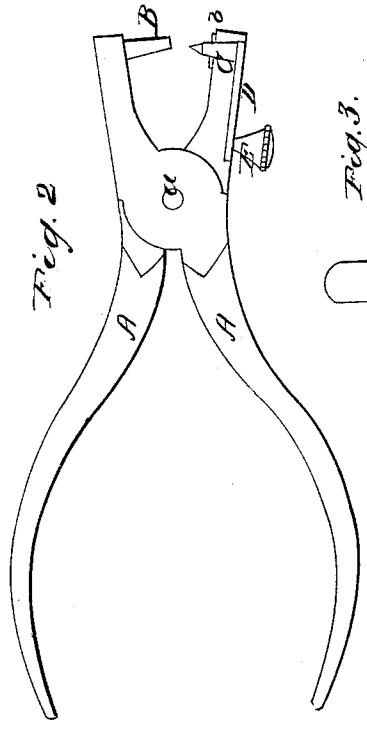
Punch,

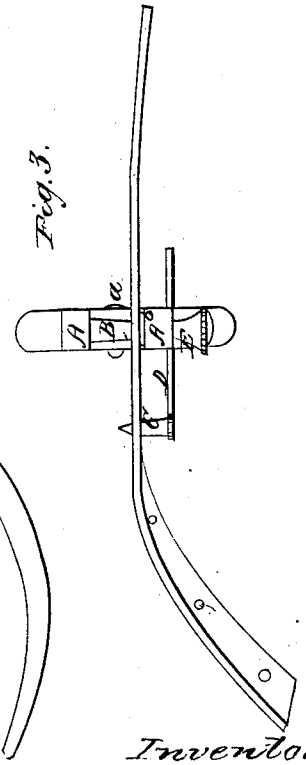
No. 26,940. Patented Jan. 24, 1860.











Witnesses.

C. A. Dwight

Owen Gelden

Inventor

C. D. Wheeler

UNITED STATES PATENT OFFICE.

CALVIN D. WHEELER, OF NEW YORK, N. Y.

BELT-PUNCH.

Specification of Letters Patent No. 26,940, dated January 24, 1860.

To all whom it may concern:

Be it known that I, CALVIN D. WHEELER, of the city, county, and State of New York, have invented a new and Improved Graduating-Punch; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, figures, and letters of reference thereon, making part of this specification.

Of the said drawings, Figure 1, shows a side elevation of a common punch having a dovetail for attaching my improvements. Fig. 2, is a side elevation of the same with my improvement attached. Fig. 3, is an end elevation. Figs. 4 and 5, show parts in detail.

Similar letters of reference indicate like parts in all the drawings.

In manufactories and for ordinary purposes with the common punch unless great care is taken with a practiced eye the holes will be cut at unequal distances and when united by lacing the material will be subject to unequal strain and puckering in the wear and use. This is particularly the case with belts in factories, etc.

The nature and object of my invention consists in combining and arranging with a common punch an adjustable point, and scale to enable a person to easily adjust the punch to cut the holes equidistant for any sized belt or other material to be perforated.

To enable others skilled in the art to make and use my invention I will describe its construction and operation.

A, A, represent the handles of a common punch riveted together at (*a*) and having a cutter B, and soft metallic plate (*b*) for the cutter to rest against after perforating the material to prevent dulling the cutter.

C, is a point inserted in an elbow shaped piece D, which slides in a groove F, in the punch and is held in place by a screw E as plainly shown in the figures. The piece D is graduated like a common rule and provided with figures which enable any person to instantly adjust the punch for cutting the holes the desired distance apart.

Operation: The operation will be as follows. The point C, will be set the desired distance from the cutter B, and one hole made when the point C, will enter the hole thus cut and describe the distance for the next hole and so on as plainly shown in Fig. 3.

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

The sliding rule provided with a measuring point, as described in combination with a punch substantially as set forth.

C. D. WHEELER. [L. S.]

Witnesses:

C. A. DURGIN,

OWEN GOLDEN.