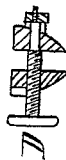
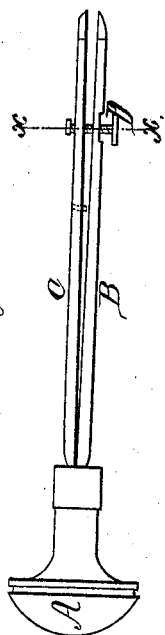


*F. R. Stockton,*  
*Engravers' Tool,*  
*N<sup>o</sup> 52,769, Patented Feb. 20, 1866.*

*Fig. 3*



*Fig. 1*



*Fig. 2*



*Witnesses:*

*Wm. Brown*  
*Wm. C. Lynn*  
*(Signature)*

*Inventor:*

*F. R. Stockton*  
*By *Merrill**  
*Attorneys*

# UNITED STATES PATENT OFFICE.

F. R. STOCKTON, OF NEW YORK, N. Y.

## GRAVER.

Specification forming part of Letters Patent No. 52,769, dated February 20, 1866.

*To all whom it may concern:*

Be it known that I, F. R. STOCKTON, of the city, county, and State of New York, have invented a new and useful Improvement in Gravers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top view of my improved graver. Fig. 2 is a side view of the same. Fig. 3 is a cross-section through the line *xx*, Fig. 1.

The object of my invention is to furnish a graver by means of which both sides of a line is cut at the same time and by the same tool; and it consists of a graver formed by combining two blades with each other and with the handle, as hereinafter more fully described.

A is the handle of the graver, and is made in the usual form and manner.

B C are the blades, which are inserted in the handle side by side, as represented in the drawings. The sides of the blades which are toward each other should be perfectly straight and flat, so that when they are secured close together they should fit closely to each other.

D is a screw, which passes through both blades of the graver. Upon the inside of the hole through the blade B, through which the screw D passes, is cut a thread corresponding to the thread of the screw D.

The hole through the blade C should be smaller than the one through the blade B, and should be made without any thread. The part of the screw which passes through said blade C should also be without any thread, as represented in Fig. 3, so that when the screw is turned it may turn freely in the blade C, but will carry the blade B away from or toward the blade C according as it may be turned.

Upon the end of the screw D is screwed a small nut, E, to hold the blade C firmly in its place and prevent any play when the tool is in use.

When it is desired to cut away both sides of the line at the same time, the blades may be separated to the distance of the required thickness of the intended line by turning the screw D, and the tool then used in the manner of an ordinary graver.

I claim as new and desire to secure by Letters Patent—

A graver formed by combining two blades, B and C, with each other and with the handle A, the distance apart of the points of the blades being regulated by the screw D, the whole being constructed substantially as described, and for the purpose set forth.

F. R. STOCKTON.

Witnesses:

M. M. LIVINGSTON,  
C. L. TOPLIFF.