

C. M. HOWARD.
GRAVER-HOLDER.

No. 174,136.

Patented Feb. 29, 1876.

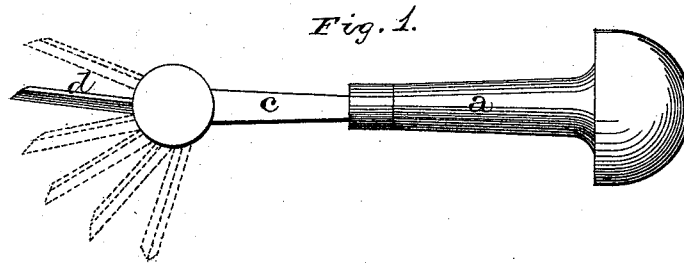
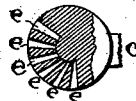


Fig. 2.



WITNESSES.

Wm. Garner,
F. M. Barnham,

INVENTOR.

C. M. Howard
per
F. A. Lehmann,
att'y.

UNITED STATES PATENT OFFICE.

CLARENCE M. HOWARD, OF FREDONIA, NEW YORK.

IMPROVEMENT IN GRAVER-HOLDERS.

Specification forming part of Letters Patent No. **174,136**, dated February 29, 1876; application filed January 17, 1876.

To all whom it may concern :

Be it known that I, CLARENCE M. HOWARD, of Fredonia, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Graver-Holder; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in graver-holders; and it consists in the peculiar form and construction of the holder, whereby the graver may be held at any desired angle, as will be more fully described hereinafter.

The accompanying drawings represent my invention.

a represents a handle of any suitable form or size, into which the holder *c* is inserted and secured in any suitable manner. The lower end of this holder is formed into a cir-

cle, or nearly so, and in the edge of this circular part are formed a number of recesses, *e*, of various shapes and of any size required, into which the blunt ends of the gravers *d* are inserted, to be held while being used. By thus having these recesses formed in a circle the graver can be changed from one angle to another, as may be desired, so as to do all kinds of work.

Having thus described my invention, I claim—

A graver-holder consisting of the handle *a* and holder *c*, having a circular end and a series of recesses, *e*, to receive the graver *d*, substantially as described and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of January, 1876.

CLARENCE M. HOWARD.

Witnesses:

JAMES B. CARRUTH,
HENRY G. ALLEN.