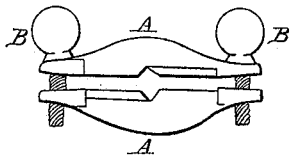
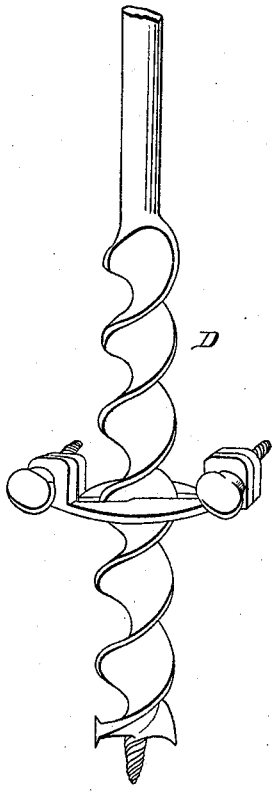
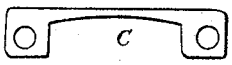
S. L. Lyford,

Auger Gage.

No. 55,132. Patented May 29, 1866.







Witnesses.
Joseph B. Hall
P. P. Reed

Inventor.
Samuel L. Lyford

UNITED STATES PATENT OFFICE.

SAMUEL L. LYFORD, OF PORTLAND, MAINE.

IMPROVEMENT IN GAGES FOR AUGERS.

Specification forming part of Letters Patent No. **55,132**, dated May 29, 1866.

To all whom it may concern:

Be it known that I, SAMUEL L. LYFORD, of Portland, in the county of Cumberland and State of Maine, have invented a new and useful Bit and Auger Gage; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in applying to bits and augers of all sizes a gage consisting of two clamps fastened to the bit or auger by means of screws and movable at pleasure, thus exactly gaging or measuring the depth of the hole to be bored.

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

I construct my gage in two parts or clamps, as shown in the drawing, marked A A. These parts or clamps are joined or fastened together by means of screws marked B B. A side view of the parts of the gage is shown as marked C.

This gage thus constructed is applied to the bit or auger, as shown in the drawing, (marked D,) and by loosening the screws may be moved up or down at pleasure, gaging accurately the depth required to be bored.

The clamp I construct of iron, brass, copper, or other suitable metal.

What I claim as my invention, and desire to secure by Letters Patent, is—

A gage for bits and augers composed of two pieces, A A, formed to fit the faces of the twisted blade of the bit or auger so as to turn with the spiral twist and adjustably united by set-screws, substantially as and for the purpose set forth.

SAMUEL L. LYFORD.

Witnesses:

JOSEPH B. HALL,

P. P. REED.