

A. H. HEWS.

Spring-Punches for Pottery-Ware.

No. 157,129.

Patented Nov. 24, 1874.

Fig. 1

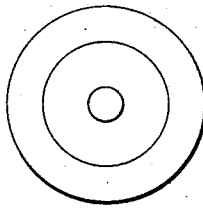
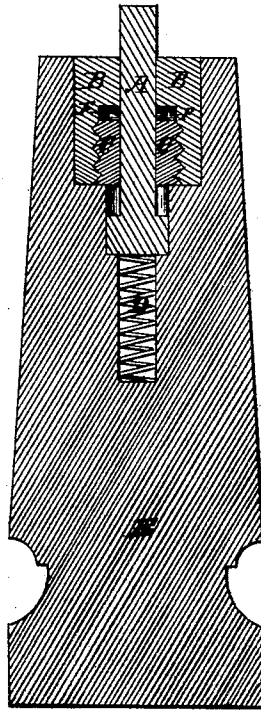


Fig. 2



Witnesses:

Thos. Powell
Wm E Chaffee

Inventor:

A. H. Hews.

UNITED STATES PATENT OFFICE.

ALBERT H. HEWS, OF NORTH CAMBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN SPRING-PUNCHES FOR POTTERY-WARE.

Specification forming part of Letters Patent No. **157,129**, dated November 24, 1874; application filed January 13, 1874.

To all whom it may concern:

Be it known that I, A. H. HEWS, of North Cambridge, Massachusetts, have invented a Spring-Punch, as applied to Pottery-Ware, of which the following is a specification:

The object of my invention is to form the hole in a flower-pot, or any other pottery-ware requiring it, where the bottom may or may not vary in thickness. The machine of which this core is a part was patented by William Linton, February 12, 1861, No. 31,394, where it is fully illustrated.

The core E, attached to a perpendicular revolving shaft, is used to form the inside of flower-pots, the punch A being forced against

the spring D by the bottom of mold, (not shown in diagram,) which is brought by use of lever to connect with core E. The rubber packing F, held between the cylinders B and C, prevents the clay from entering the spring D.

I claim—

The combination of core E with plunger A, spiral spring D, punch A, rubber packing F, cylinders B and C, substantially as and for the purpose specified.

A. H. HEWS.

Witnesses:

THOMAS C. CONNOLLY,
J. W. CALLAMER.