C. E. VAN KEUREN.

CORN BALL PRESSER.

No. 189,074. Patented April 3, 1877.

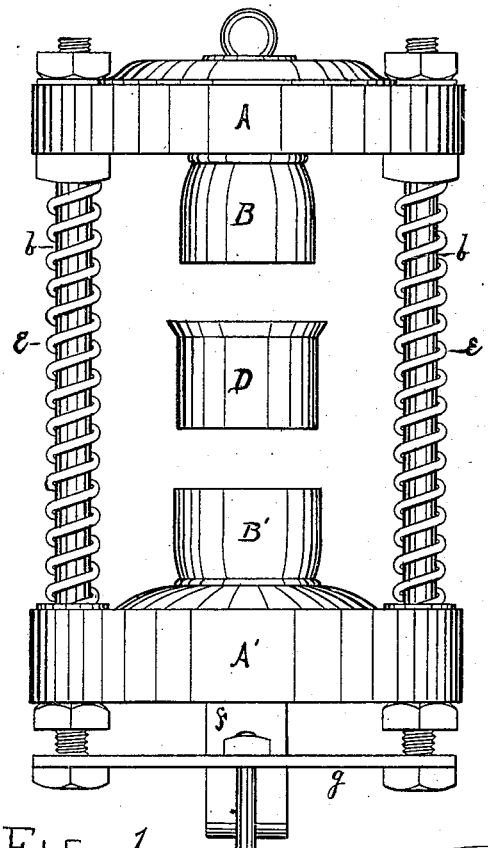

FIG. 1.

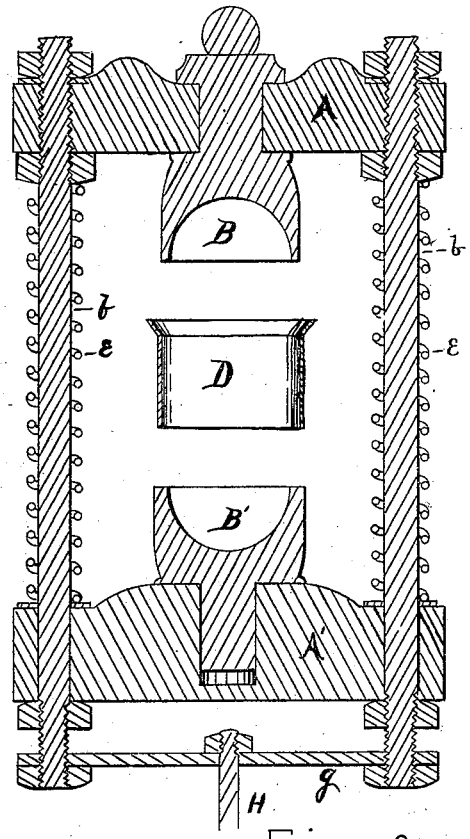

FIG. 2.

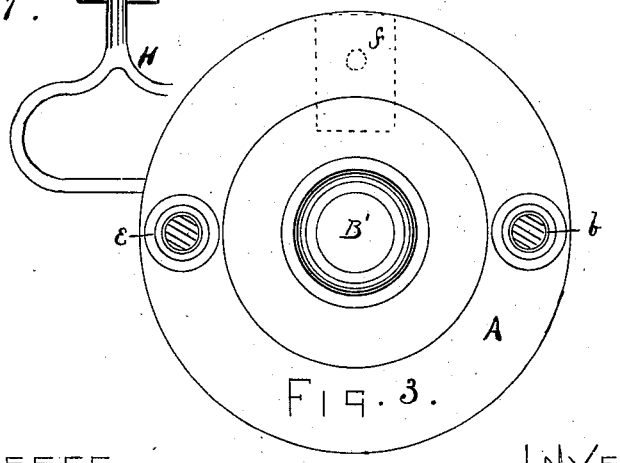

FIG. 3.

WITNESSES.

Cyrus B. Howard.

Jos. Smith

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CHARLES E. VANKEUREN, OF WHEELING, WEST VIRGINIA.

IMPROVEMENT IN CORN-BALL PRESSERS.

Specification forming part of Letters Patent No. **189,074**, dated April 3, 1877; application filed July 19, 1876.

To all whom it may concern:

Be it known that I, CHARLES E. VANKEUREN, of Wheeling, West Virginia, have invented a new and useful Improvement in Corn-Ball Presses, of which the following is a specification, reference being had to the accompanying drawings.

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

On the drawing, Figure 1 is an elevation of my invention. Fig. 2 is a vertical central section, and Fig. 3 is a central cross-section.

Like letters refer to like parts.

In Fig. 1, A′ is a circular base-block, attached to the bench by means of a clamp and set-screw, *f*. A is a circular head-block, secured to two rods, *b b*, which extend through openings in the base block A′ into a cross-piece, *g*. H is a foot-treadle attached to the cross-piece *g*, for the purpose of operating the movable end block A. *e e* are spiral springs around the slide-rods *b b*, to keep the end block A in its position. B and B′ are cup-molds, attached, respectively, to the head-blocks A and A′, in such a manner that when brought together they will fit perfectly and form a spherical opening. D is a tube or cylinder of proper size for gaging the amount of corn required to fill the cup-molds A and A′, and convey the same to the molds.

The mode of operating my machine is as follows: The gage-tube D is first filled with the prepared corn, and then placed directly over the cup-mold B′. Pressure is then applied by means of the treadle H, and the cup-mold B is brought down into the gage-tube D, pressing the corn into the concave or cup-shaped ends of the molds B and B′, and forming a ball of the materials. When the pressure is removed the spiral springs *b b* force the end block A back to its original position, the gage-tube D is removed, and the machine is again ready for operation.

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

The machine for making pop-corn balls, consisting of movable head-block A, stationary base A′, with cup-molds B B′ secured thereto, rods *b b*, rigidly secured at one end to head-block A, passing loosely through base A′, and secured at bottom to cross-bar *g*, spiral springs *e e*, encompassing the rods *b b*, and keeping the blocks A A′ asunder, treadle H, clamp *f*, and separate or detached gage-cup D, all constructed, arranged, and adapted to operate as and for the purposes set forth and shown.

CHARLES E. VANKEUREN.

Witnesses:

CY. BATES HOWARD,

J. H. GOOD.