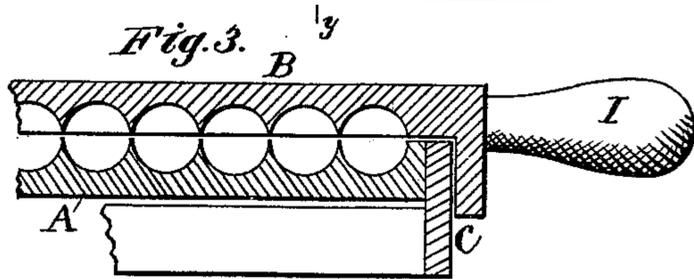
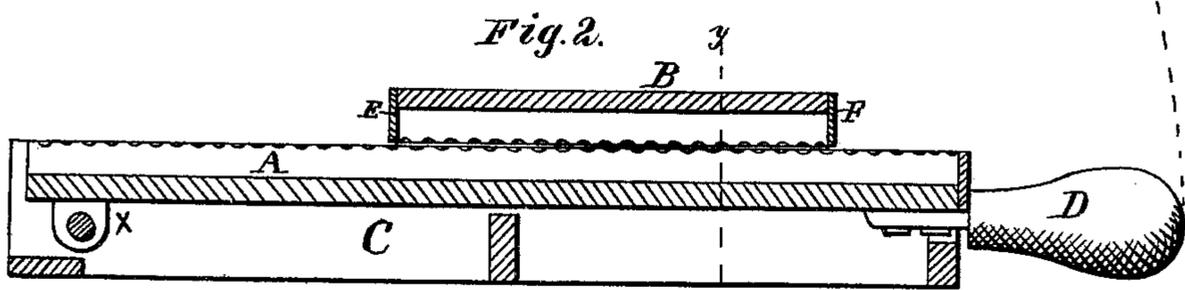
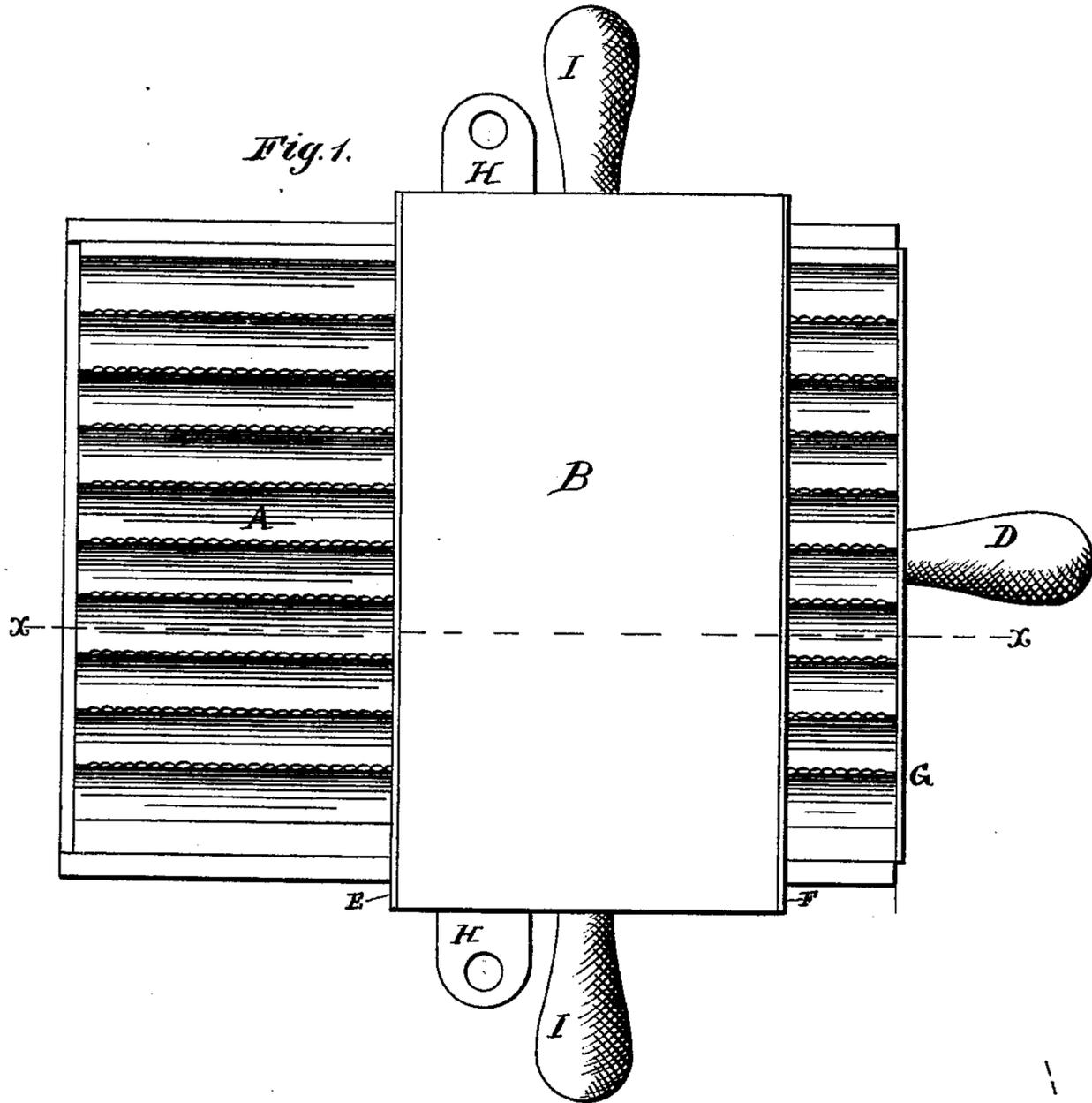


B. & H. STERN.  
 CANDY-MARBLE MACHINE.

No. 176,374.

Patented April 18, 1876.



WITNESSES  
*Henry N. Miller*  
*C. L. Everb.*

By

INVENTORS.  
*B. Stern, H. Stern*  
*Alexander Mason*  
 Attorney

# UNITED STATES PATENT OFFICE.

BERNHARD STERN AND HERMAN STERN, OF CHATTANOOGA, TENNESSEE.

## IMPROVEMENT IN CANDY-MARBLE MACHINES.

Specification forming part of Letters Patent No. **176,374**, dated April 18, 1876; application filed March 30, 1876.

*To all whom it may concern:*

Be it known that we, BERNHARD STERN and HERMAN STERN, of Chattanooga, in the county of Hamilton, and in the State of Tennessee, have invented certain new and useful Improvements in a Machine for Making Candy Marbles; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to machines for cutting and rolling into form candy balls or marbles; and consists in the combination, with a suitable base, of a pivoted fluted cutter and a movable or sliding complement thereof.

In the drawings, C represents a bed of the preferred construction, which consists of the frame, provided with ears or lugs H, so that the bed may be secured to a table or bench. The sides of this bed are preferably made of equal height with the bottom cutters, and serve as guides and ways, upon which the sliding cutters move. A represents a fluted plate, which serves as one part of the cutter. The edges of the flutes may be provided with teeth or not, as may be desired. This plate is pivoted, as at *x*, and is provided with a handle, D, so that the balls may be readily dumped. A guard or stop, G, is provided at the end next the handle, to keep the balls from accidentally rolling out in that direction. B is another fluted plate, provided with guides at the end, so that the cutters shall coincide with those below. This movable plate or sliding series of cutters is provided with suitable knobs or handles I, for convenience in operation. At the opposite ends of this sliding cutter we place guards or stops E and F, so

as to retain the lumps or balls within the same while being rolled into form.

This device is operated as follows, to wit: Place the sticks (slightly warm, so as to render them plastic) across the cutters on the plate A; then place the cutter B over the same and slide it back and forward, whereupon the candy will be cut into lumps of uniform size, and by continuing the motion they will be molded into perfect spherical form.

As above stated, the cutters may or may not be provided with teeth; but we have found, in practice, that teeth are especially desirable.

After the balls are formed the sliding or top plate is removed, and the balls dumped into a suitable receptacle by raising the lower plate by means of its handle D.

Candy balls made as above described have a brighter and clearer appearance than those made in any other way known to us.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a candy-cutting machine, the combination of the bed C and pivoted bottom cutter A, whereby the balls may be readily dumped, as set forth.

2. The combination of the bed C, the pivoted bottom cutter A, and the sliding cutter B, provided with guards E F, substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 22d day of February, 1876.

BERNHARD STERN.  
HERMAN STERN.

Witnesses:

JOHN BULL,  
J. W. BRYANT.