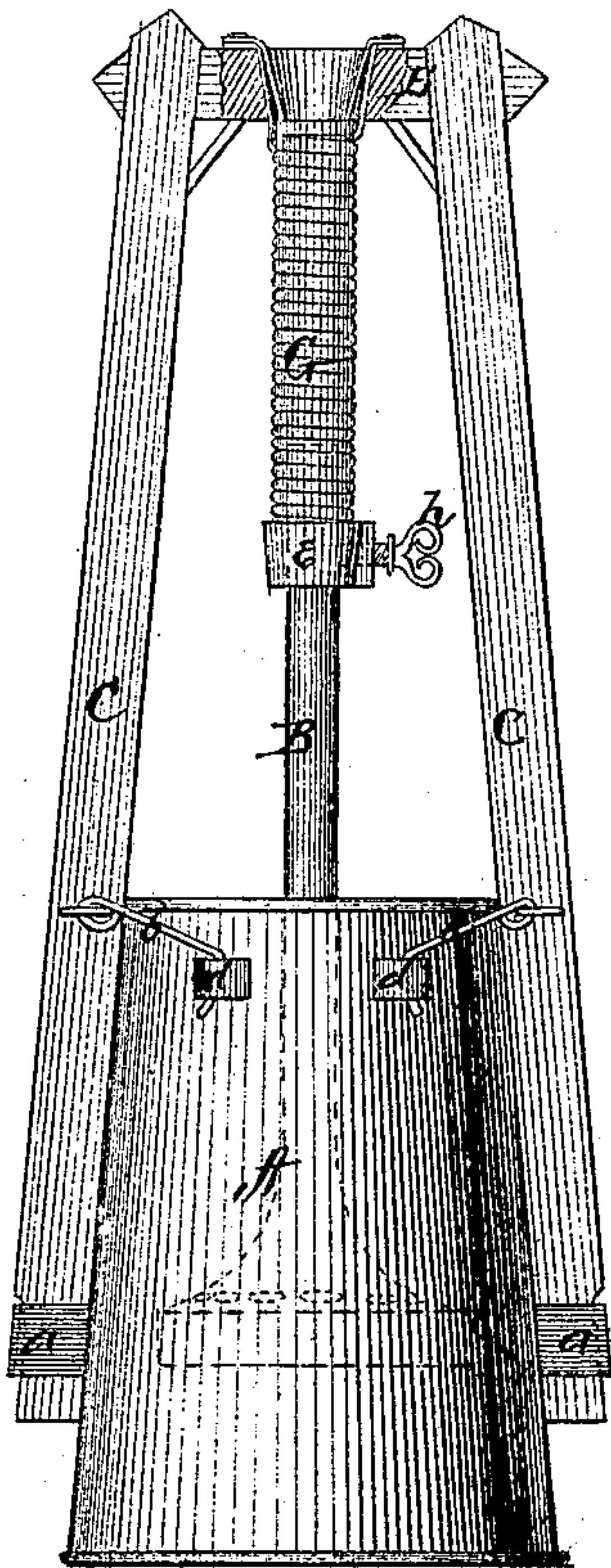


*N. Shelton,*

*Churn.*

*No. 99,960.*

*Patented Feb. 15. 1870.*



*Witnesses.*

*Harry King*  
*C. L. Everett*

*Inventor.*

*Nicholas Shelton*  
*per Alexander Mason*  
*Att'y.*

# United States Patent Office.

NICHOLS SHELTON, OF ODESSA, NEW YORK.

*Letters Patent No. 99,960, dated February 15, 1870.*

## IMPROVEMENT IN CHURNS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, NICHOLS SHELTON, of Odessa, in the county of Schuyler, and in the State of New York, have invented certain new and useful Improvements in Churns; 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.

My invention relates to that class of churns which is worked by an up and down motion of the churn-dash, and consists in attaching to the churn two upright standards for supporting a spring, to which the staff of the churn-dash is secured, whereby the labor in churning is facilitated.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, which represent a side elevation of my churn.

A represents a churn of the class having an up and down motion of the churn-dasher.

B is the dasher-staff.

Upon the sides of the churn are two loops *a a*, in which are inserted two upright standards C C.

These standards are further secured to the churn by hooks *b b*, fastened by the staples *d d*.

The upper ends of the standards C C are connected by a cross-bar, E, having a helix spring, G, suspended from its under side.

At the lower end of the spring G is secured an iron wrist, *e*, containing a thumb-screw, *h*. Through the wrist *e* the dasher-staff B is received into the helix spring G, and secured by the thumb-screw *h* when raised to its proper height for action, thereby enabling it more easily to lift the dasher in the churn.

In place of the helix spring G, I may use any other kind of spring, elastic cord, or strap, to facilitate the labor of churning.

Having thus fully described my invention,

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

The combination and arrangement of the churn A, standards C C, loops *a a*, hooks *b b*, staples *d d*, dasher-staff B, spring G, collar *e*, and set-screw *h*, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand this 10th day of December, 1869.

NICHOLS SHELTON.

Witnesses:

M. T. BRODRICK,

THEODORE L. MINIER.