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FIG. 1.

HENRY HENSEL

CHURN

PATENTED AUG 1 1871

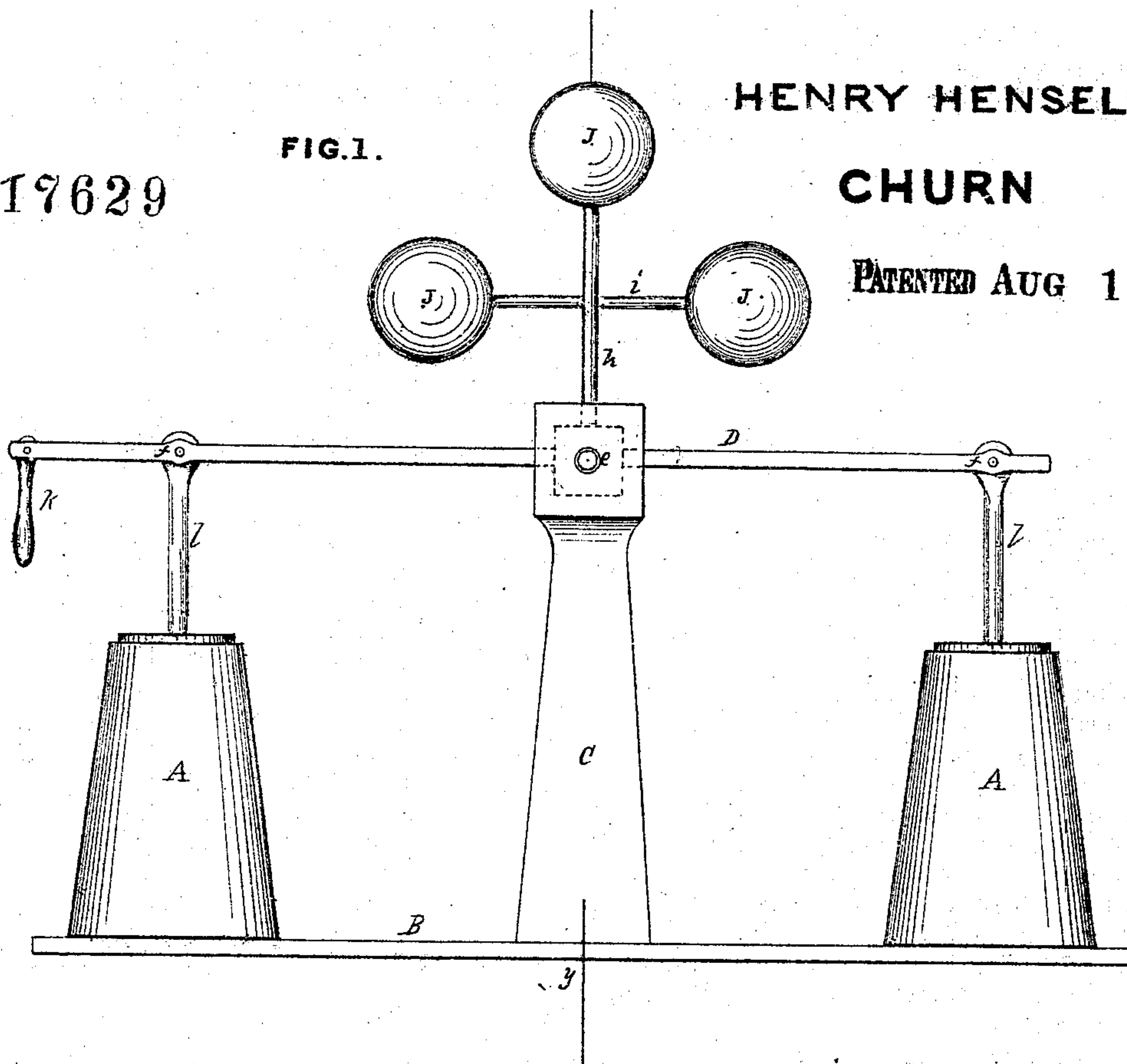
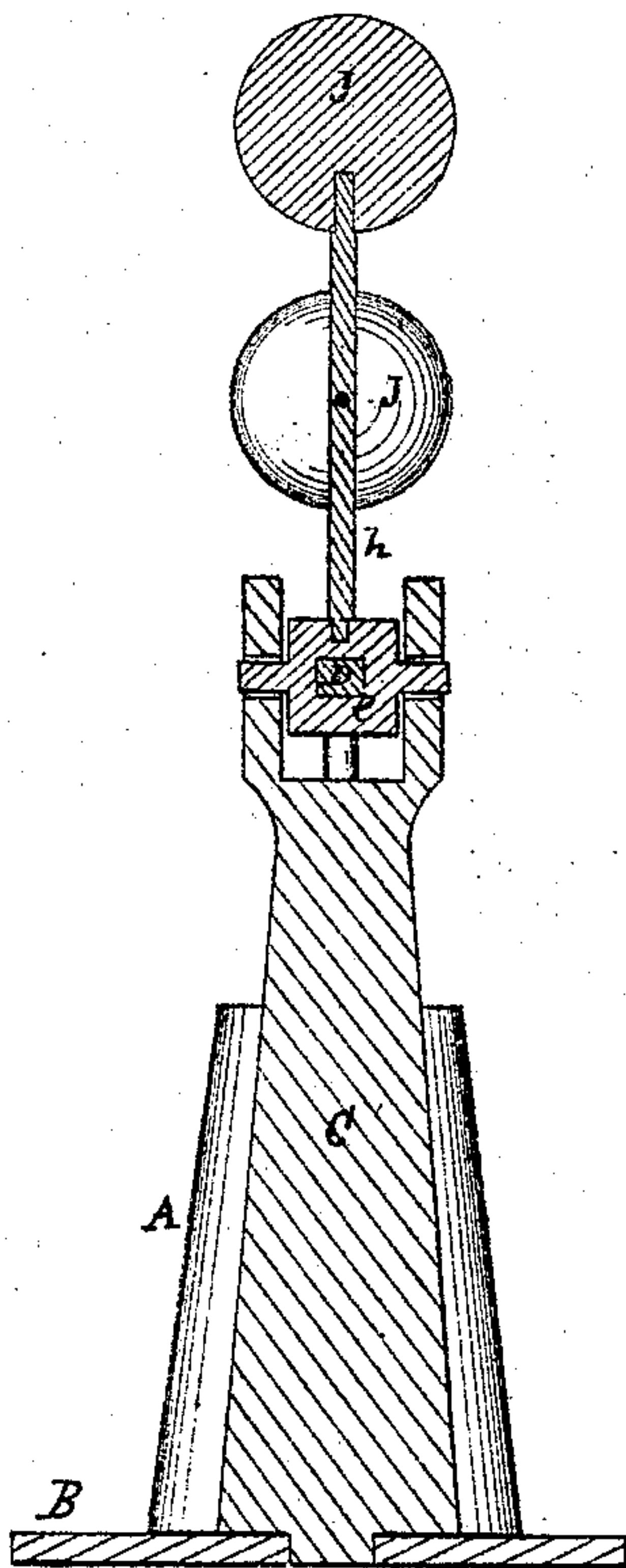


FIG. 2.



Witnesses

Wm. H. Thomas
G. C. Thomas

Inventor

Henry Hensel by
J. J. Johnston his attorney

UNITED STATES PATENT OFFICE.

HENRY HENSEL, OF MOON TOWNSHIP, PENNSYLVANIA.

IMPROVEMENT IN CHURNS.

Specification forming part of Letters Patent No. 117,629, dated August 1, 1871.

To all whom it may concern:

Be it known that I, HENRY HENSEL, of Moon township, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Churns; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention consists in the arrangement of two churns, two dasher-staffs, walking-beam, ball-weights, pivoted operating-handle, and pedestal, the whole constructed as hereinafter described.

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

In the accompanying drawing which forms part of my specification, Figure 1 is a side elevation of my improvement in churns. Fig. 2 is a vertical section of the same at the line *y* of Fig. 1.

In the accompanying drawing, A A represent

two ordinary churns, which rest on a base, B, to which is secured an upright, C, in which is pivoted the axis *e* of the walking-beam D, to which at *f* are pivoted the dasher-staffs *l l* of the churns A A. To the axis *e* is attached a rod, *h*, and at right angles to it is attached a rod, *i*. These rods or bars are provided with ball-weights J J J, which are used for the purpose of compensating for the force required to lift the churn-dashers and walking-beam, thereby greatly diminishing the labor of churning. The walking-beam is operated by the handle *k*.

What I claim as of my invention is—

The arrangement of the pedestal B C, churns A A, dasher-staffs *l l*, walking-beam D, ball-weights J J J mounted on rods *h i*, and pivoted operating-handle *k*, the whole constructed and arranged as herein described, and for the purpose set forth.

HENRY HENSEL.

Witnesses:

A. C. JOHNSTON,
JAMES J. JOHNSTON.