

J. D. Clark,

Chain-Pump Bucket.

N^o 37,218.

Patented Dec. 23, 1862.

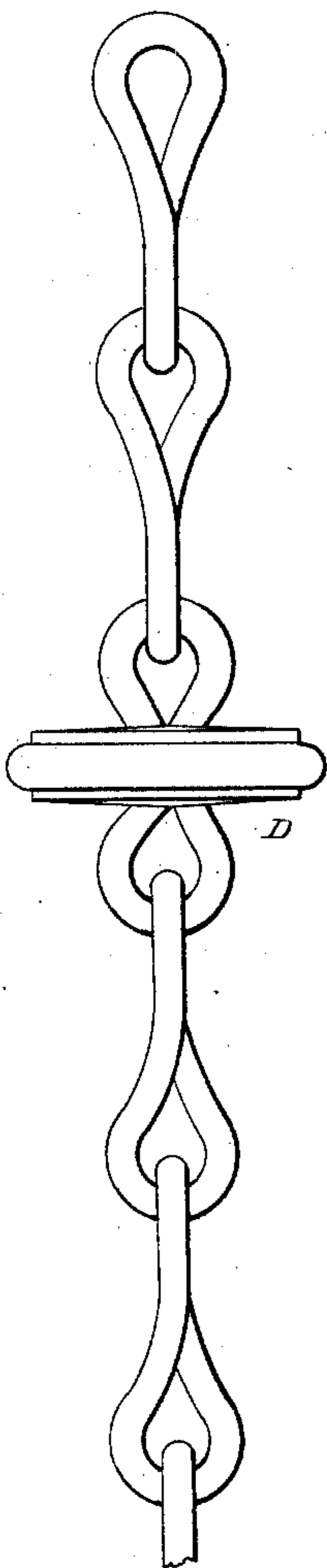


Fig. 1.

Witnesses:

*Maro Hendall
Wm Greenleaf*

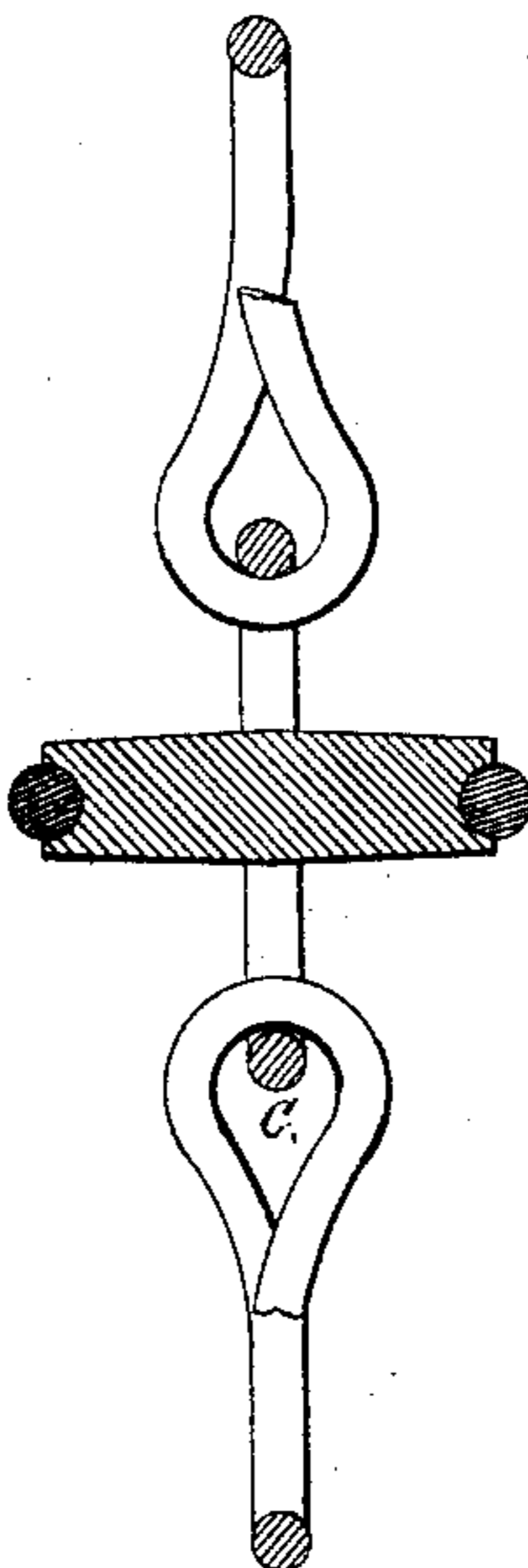


Fig. 2

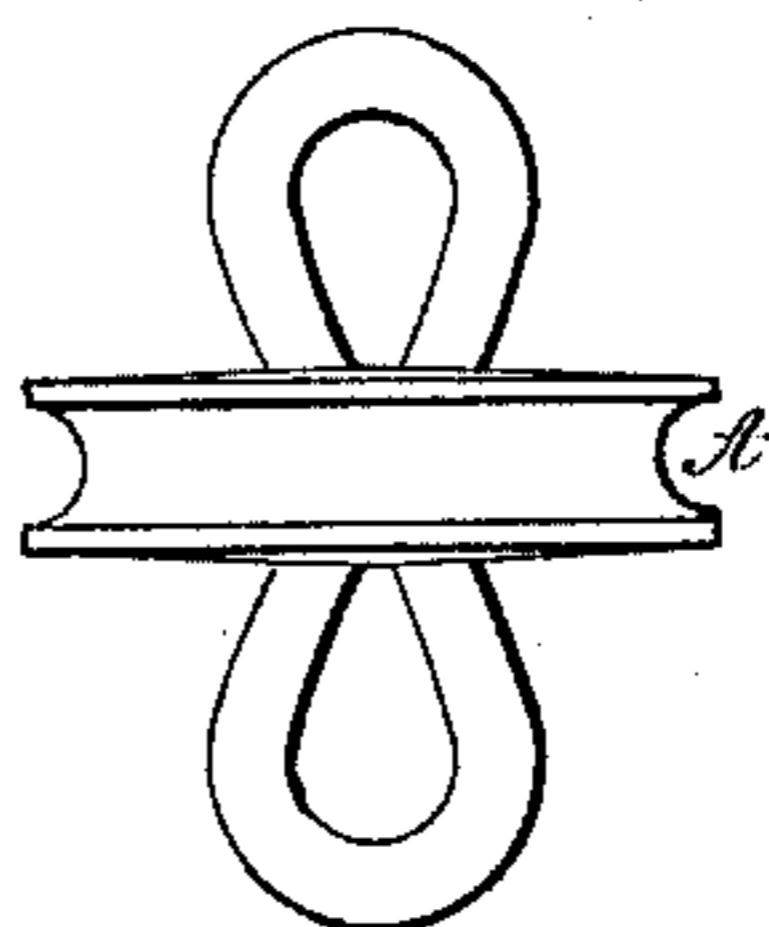


Fig. 3

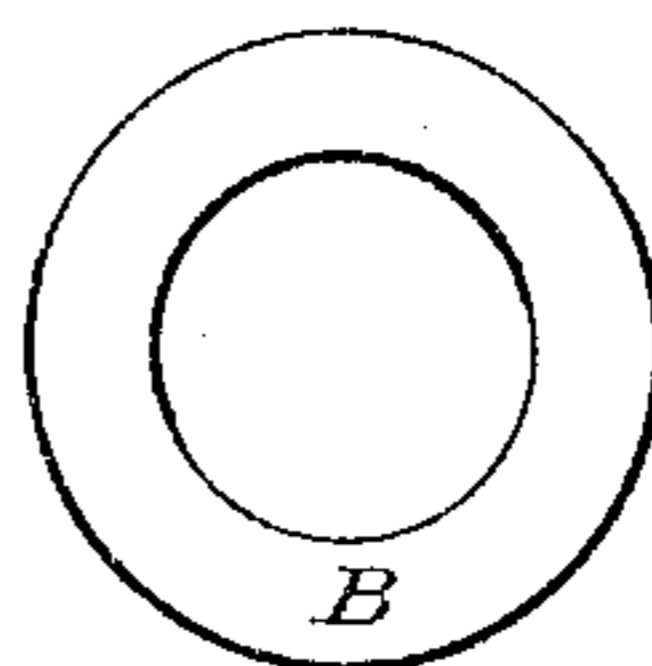


Fig. 4.

Inventor:

John D. Clark

UNITED STATES PATENT OFFICE.

JOHN D. CLARK, OF LEICESTER, MASSACHUSETTS.

IMPROVEMENT IN BUCKETS FOR CHAIN-PUMPS.

Specification forming part of Letters Patent No. **37,218**, dated December 23, 1862.

To all whom it may concern:

Be it known that I, JOHN D. CLARK, of Leicester, in the county of Worcester and State of Massachusetts, have invented a new and useful Bucket for Chain-Pumps; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and figures and letters of reference marked thereon.

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

My invention consists in providing a bucket for chain-pumps with its collar or piston having a groove, as shown in Figure 3, letter A, to secure an elastic ring of such size as may be necessary to fit the tube, thus providing

a packing which prevents the water from falling back when the pump is in operation.

Fig. 1, D, gives a view of the bucket with the packing-ring as it will be used in the chain. Fig. 2, C, represents a sectional view of the bucket and packing when in the chain. Fig. 3, A, represents the bucket with the groove in it without the packing-ring. Fig. 4, B, represents the elastic packing-ring.

What I claim as my invention, and for which I desire to secure Letters Patent, is—

A grooved bucket, in combination with an elastic packing-ring, as herein described, and for the purpose set forth.

Witnesses: JOHN D. CLARK.
MARO KENDALL,
WM. GREENLEAF.