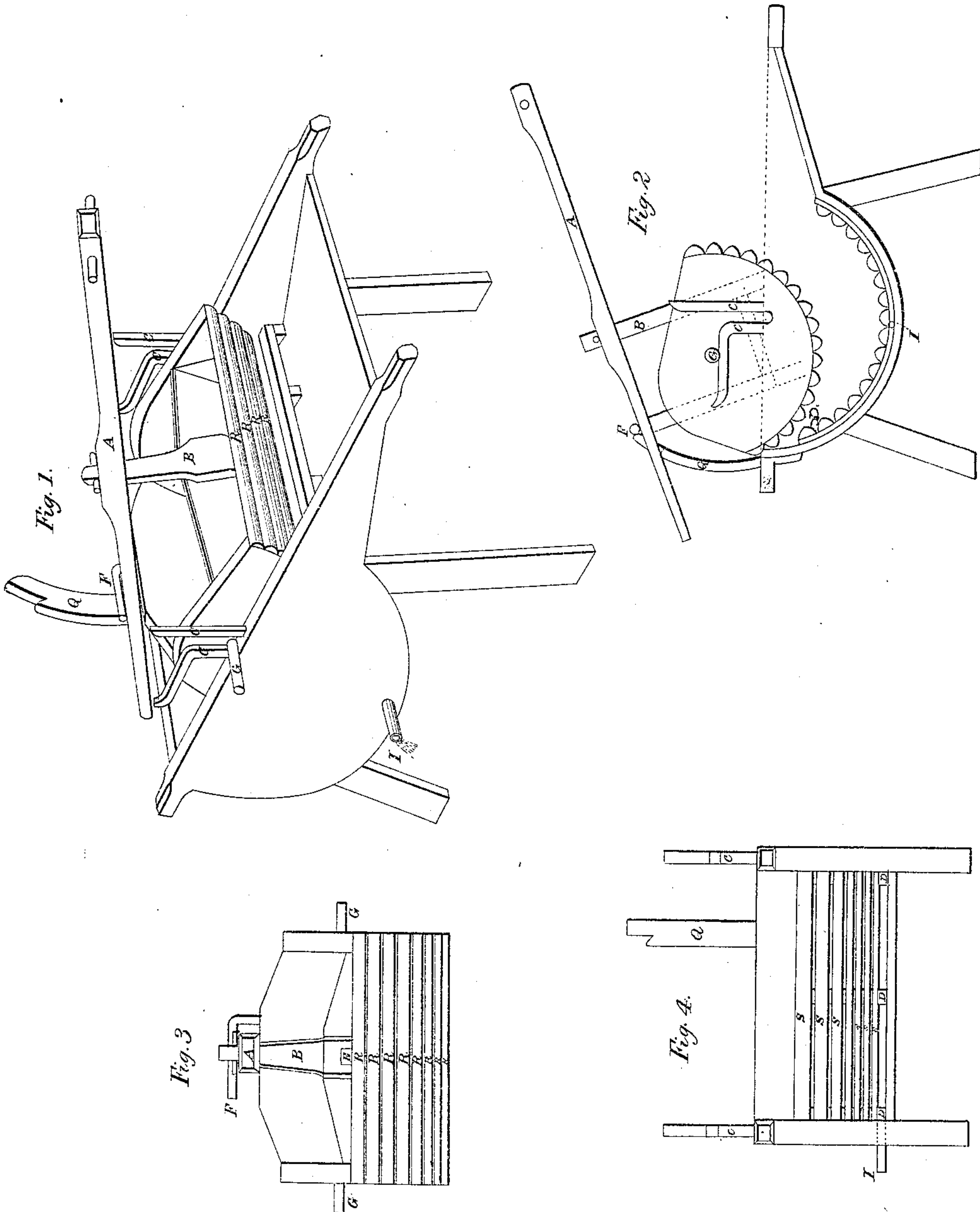


B. R. Smith,
Washing Machine.

N^o 19,474.

Patented Feb 23, 1858.



Witnesses,
Samuel Clauze,
J. Jacobs

UNITED STATES PATENT OFFICE.

BENJAMIN R. SMITH, OF EAST WHITELAND TOWNSHIP, CHESTER COUNTY, PENNSYLVANIA,
ASSIGNOR TO JOHN HELLINGS.

WASHING-MACHINE.

Specification of Letters Patent No. 19,474, dated February 23, 1858.

To all whom it may concern:

Be it known that I, BENJAMIN R. SMITH, of the township of East Whiteland, county of Chester, and State of Pennsylvania, have
5 invented a new and useful Improvement in Washing-Machines; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters
10 of reference marked thereon.

Figure 1 represents the entire machine in working order; Fig. 2, end view of machine thrown out of working order; Fig. 3, front
15 view of movable worker; Fig. 4, front and inside view of concave.

Fig. 1—A, lever; B, lever post; C C C C, guides and bearer; F, lever hook; G, gudgeons of movable worker; R R R R, rub-
20 bers of movable worker; Q, queen post; I, spout for drawing off water.

Fig. 2—A, lever; B, lever post; C C C C, guides and bearers; D D, strips on concave under the rubbers; F, lever hook; G, gudgeons of movable worker; I, spout; R R,
25 rubbers on movable worker; S S S, rubbers on concave; Q, queen post.

Fig. 3—A, lever; B, lever post; E, rib in movable worker; F, lever hook; G G, gudgeons in movable worker; R R R R R R
30 R R, rubbers in movable worker.

Fig. 4—C C, guides and bearers; D D D, strips in concave under the rubbers; I, spout; S S S S S S, rubbers in concave; Q, queen post.

35 *Construction and operation.*—I make a concave of suitable material water tight. I make the rubbers marked S S S S S of suit-

able material with semicircular outside, and securely fix them to the concave and strips with sufficient space between them to allow
40 the water to pass freely. C C C C guides and bearers to guide the gudgeons and bear the worker when out of working position. Movable worker, Fig. 3, a semicircle with rubbers of the same form as in concave, and
45 firmly attached thereto, made with a water tight box to contain weight if necessary.

Mode of operation.—Put the worker in its proper place. Then, by turning the lever
50 sidewise and resting it on the queen post, by raising the lever, the worker is lifted and pushed back on the guides and bearers, which puts the machine out of working position by which means the clothes and water can be put in; when done draw the
55 lever toward you, letting the gudgeons drop into their proper place which puts the machine in working position, then by working the lever up and down, the clothes are pressed, rolled and rubbed which will in a
60 short time remove all dirt from the same.

What I claim as my invention is—

The combination of the guides and bearers with the seat of the queen post, and the lever hook F, as hereinbefore set forth, for
65 the shifting of the movable worker from its concave bed.

In witness whereof I have hereunto subscribed my name this 16th day of May A. D. 1856.

BENJN. R. SMITH.

In presence of—

LEMUEL ELDRIDGE,
JNO. JACOBS.