

D. S. Ayres,
Washing Machine,
N^o 24,272 *Patented June 7, 1859*

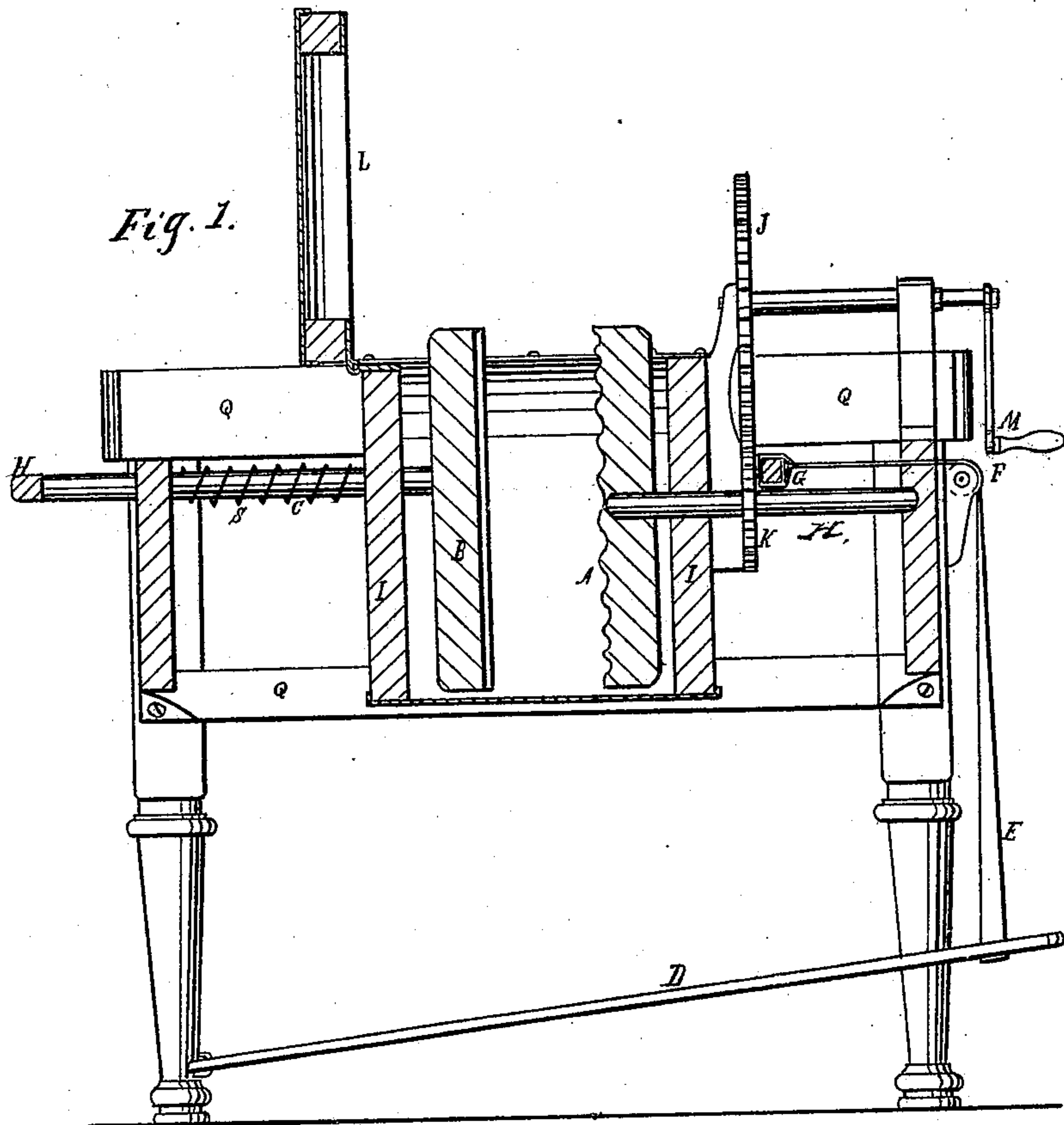
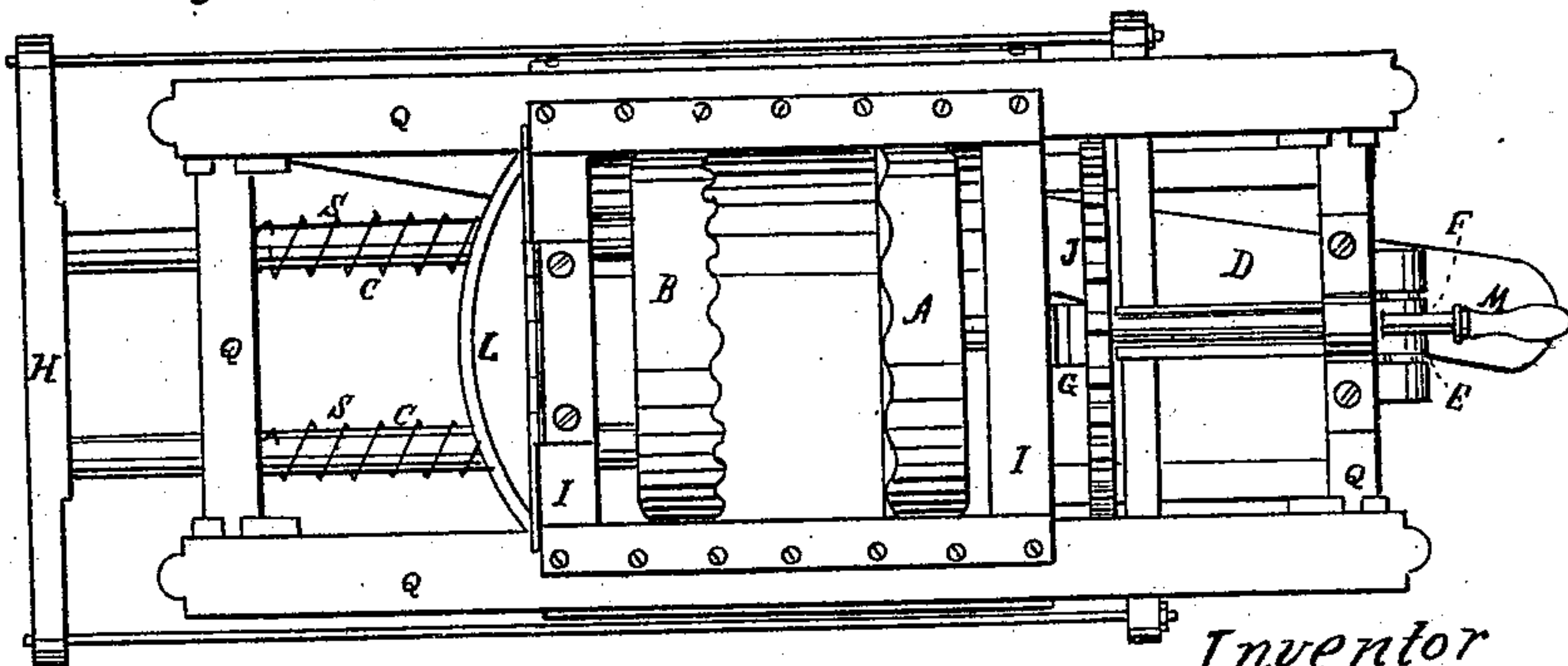


Fig. 2.



Witnesses

Inventor

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UNITED STATES PATENT OFFICE.

DANIEL S. AYRES, OF HOPE, NEW JERSEY.

WASHING-MACHINE.

Specification of Letters Patent No. 24,272, dated June 7, 1859.

To all whom it may concern:

Be it known that I, DANIEL S. AYRES, of Hope, Warren county, New Jersey, have invented a new and Improved Washing-
5 Machine; 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 of reference marked thereon.

10 The nature of this invention consists in providing a washing machine with a movable and a revolving disk, inside of a stationary tub or cylinder. The movable disk is operated by two springs and a treadle,
15 and the revolving disk by crank and cog wheels.

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

20 In the drawings Figure 1, represents a perspective view of my machine, and Fig. 2, a top view of the same.

Letter A represents the revolving disk attached to a shaft H which is operated by
25 cog wheels J and K.

B represents the movable disk operated by shafts or bars C, to which is connected springs s, treadle D and band E.

30 II are the ends of the tub or cylinder in which the disks operate.

L shows the top, or cover to the station-

ery cylinder, which, in Fig. 1, is shown as open.

M is the crank for turning the revolving cylinder. 35

Q Q are the top and bottom side pieces of the frame of the machine.

In operating this machine after a sufficient quantity of water is put into the cylinder or tub S, and the clothes to be washed
40 placed between the disks or heads A and B, the top L of the machine is closed, the clothes brought up to the revolving disk A, by pressing the foot on treadle D, which moves the disk B, and the disk or head A
45 revolved at proper speed by turning the crank M. The rubbing of the clothes may be regulated by the pressure of the foot on the treadle D, a heavy pressure bringing the clothes hard up against the revolving cor-
50 rugated disk A, and a soft pressure on the treadle D lightening the friction on the clothes.

What I claim as my invention and desire to secure by Letters Patent, is— 55

The revolving and movable disks, or heads, with the mode of operating the same as applied to washing machines.

DANIEL S. AYRES.

Witnesses:

JOHN O'DONNELL,
ISAAC L. JOHNSON.