

A. Hoagland,

Wash-Board,

Nº 29,972,

Patented Sept. 11, 1860.

Fig: 1.

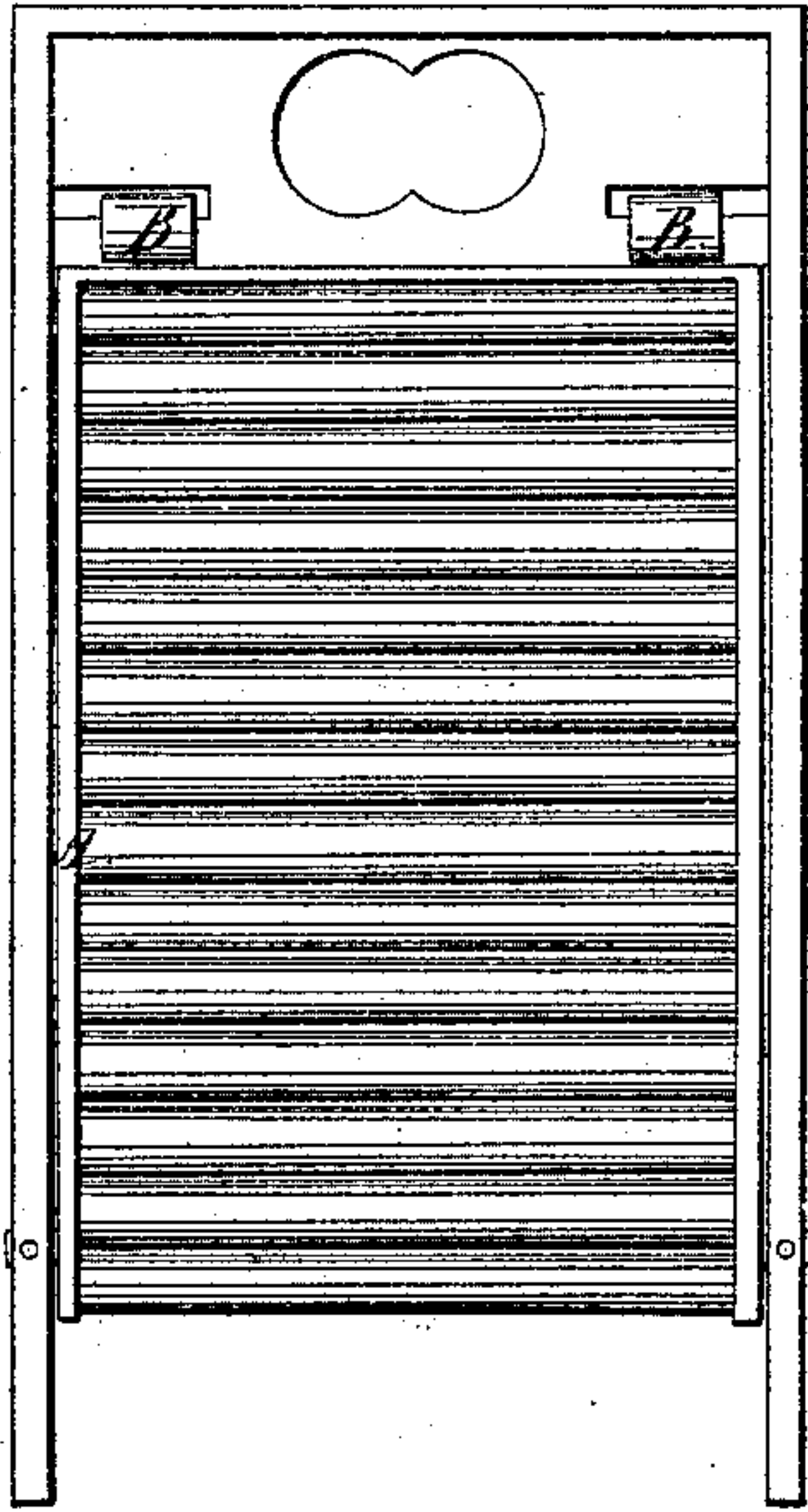


Fig: 2.

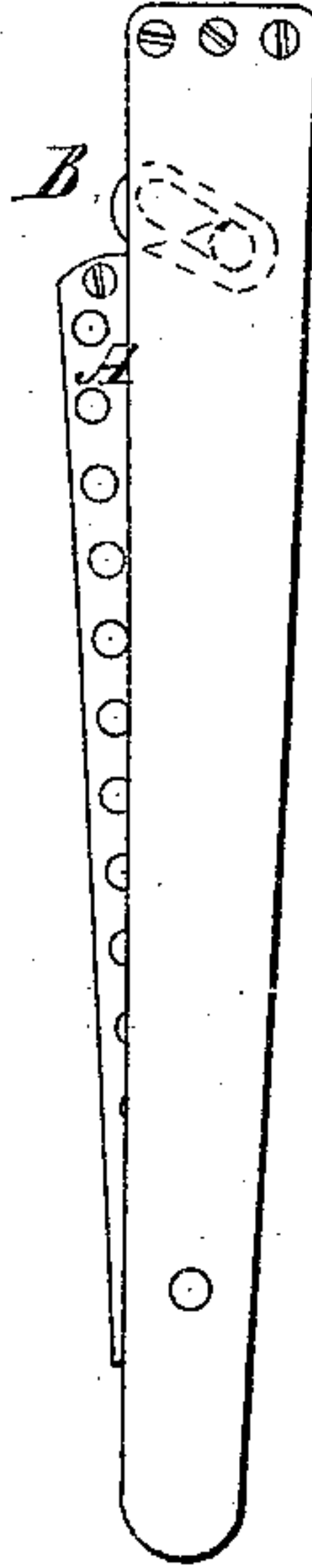
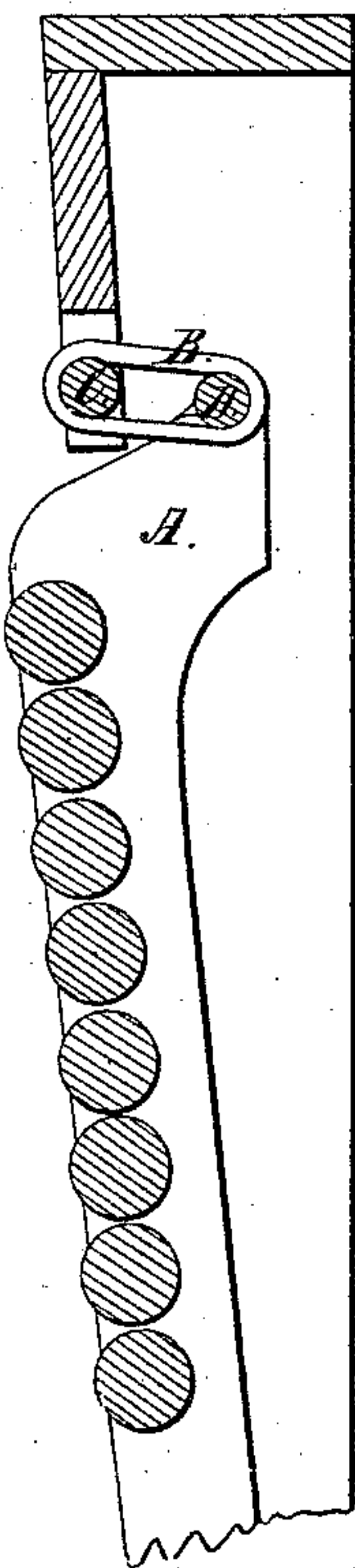


Fig: 3.



Witnesses:
Owen G. Warren
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Inventor:
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UNITED STATES PATENT OFFICE.

A. HOAGLAND, OF JERSEY CITY, NEW JERSEY.

WASHBOARD.

Specification of Letters Patent No. 29,972, dated September 11, 1860.

To all whom it may concern:

Be it known that I, A. HOAGLAND, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and
5 useful Improvement in Washboards; and I hereby declare that the following is a full and exact description thereof.

The nature of the invention consists in the manner of mounting the friction rollers of
10 a wash board, the same being used as a hand implement, like the ordinary wash board.

To enable others to make and use my invention I proceed to describe its construction and operation, reference being had to the
15 drawings hereunto annexed and making part of this specification.

Figure 1 represents the face plan of the wash board. Fig. 2, edge view of the same. Fig. 3, diagram showing, by section, the
20 spring, &c.

A is the inner frame; B, the spring; C and D hanging points.

It is intended by this wash board to make the work easier to the hand by giving
25 a spring to it. This I effect by hanging the upper end of a roller wash board upon points or bearings, C, and D, while the lower end is pivoted into the outer frame at x .

In the face of the outer frame of the wash
30 board at top—on its lower edge I cut two

slots, one at each end, and in these I put india-rubber rings, B. Into these rings I also put points, D upon the under side of the board. Thus the inner frame and wash board—are suspended in two india-
35 rubber rings—and thus yield to the pressure of the hand in washing. This elasticity can also be effected by a spring on each side of a common wash board set firm at the lower end and the two springs bearing on the edge
40 of the wash tub at top.

I am fully aware that it is not new to adapt springs to the friction rollers of washing machines, or to suspend said rollers on
45 springs, the same being well-known devices in such machines. I do not therefore claim such devices, nor do I claim suspending friction rollers on springs of any kind, but

What I claim as my invention, and desire
to secure by Letters Patent, is—
50

The pivoting of a vibrating frame A at x , when such vibration is controlled by the springs B, and the frame A is inclosed within a common hand washboard—all in the manner and for the purpose set forth.

A. HOAGLAND.

Witnesses:

OWEN G. WARNE,
J. D. STURTEVANT,
THOS. L. THORNELL.