

# ALPHEUS D. SMITH

## CORRUGATED ROLLER

### WASH BOARD.

No. 120,831.

Patented Nov. 14, 1871.

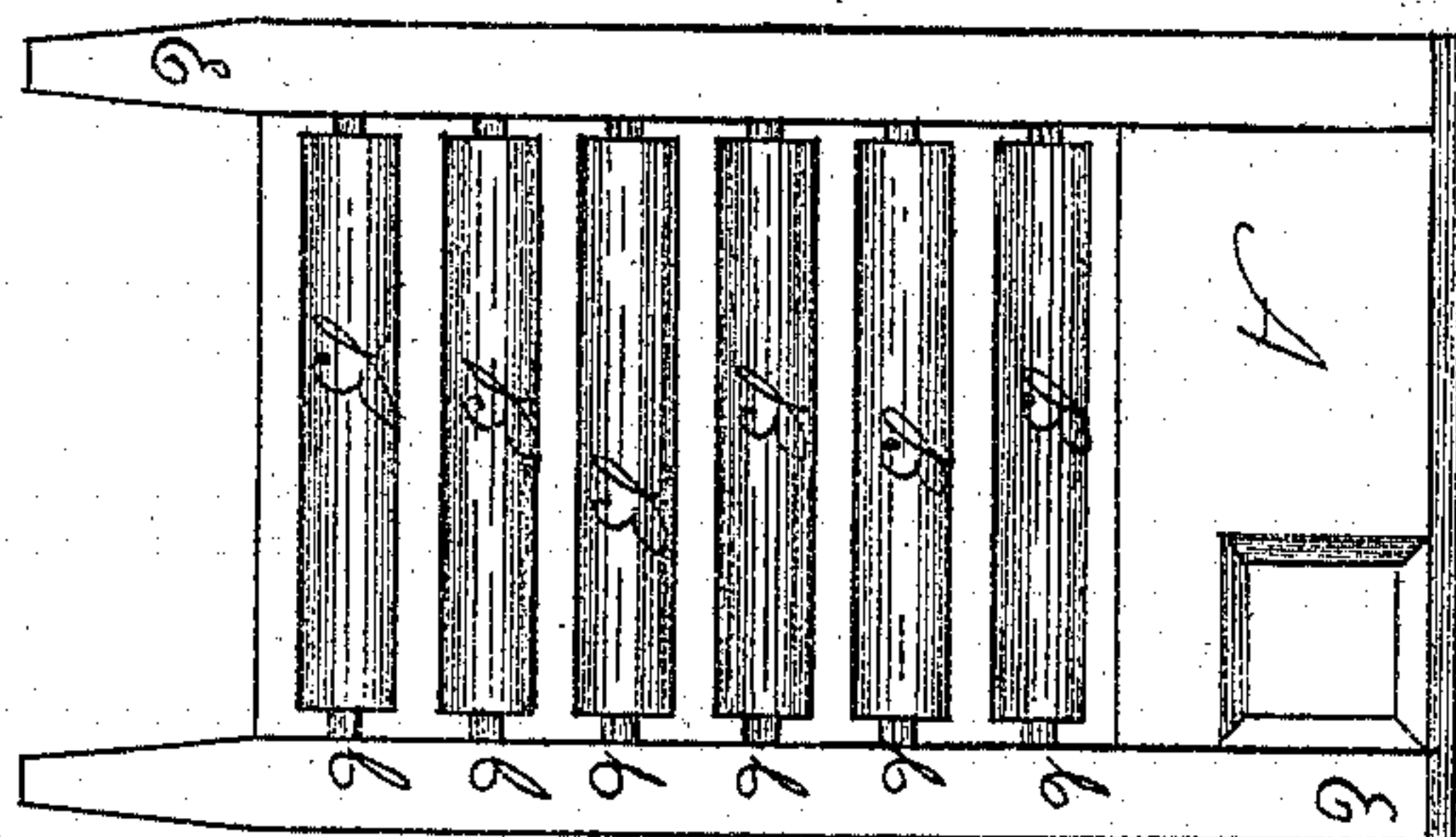


Fig 1

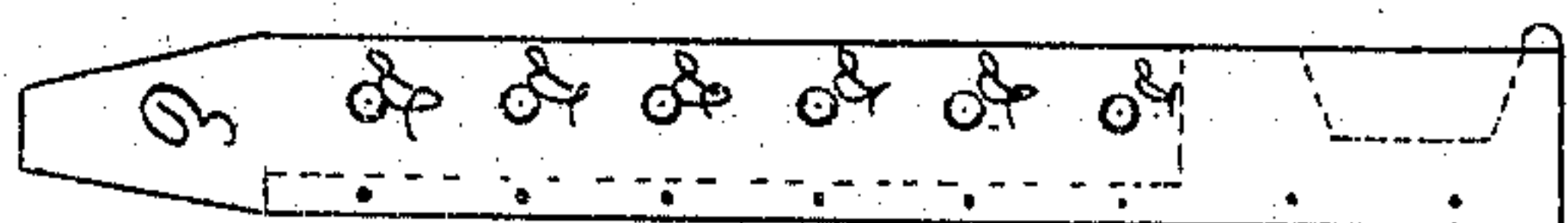


Fig 2



Fig 3

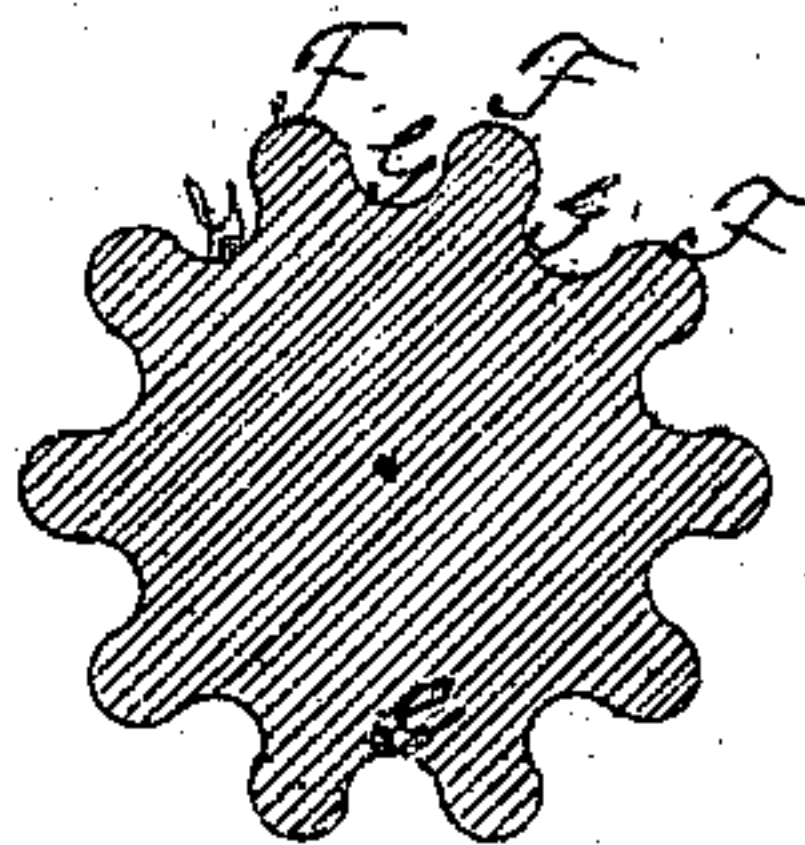


Fig 4

WITNESSES  
J. Dickinson  
Wm. M. McIntock

INVENTOR  
Alpheus D. Smith

# UNITED STATES PATENT OFFICE.

ALPHEUS D. SMITH, OF GRAFTON, OHIO.

## IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. 120,831, dated November 14, 1871.

*To all whom it may concern:*

Be it known that I, ALPHEUS D. SMITH, of Grafton, in the county of Lorain and State of Ohio, have invented a Corrugated Roller Wash-Board, of which the following is a specification:

The nature of my improvement relates to the use of a series of fluted, ribbed, or corrugated roller wash-boards; the object being to dispense with the usual rubbing over fixed flutes or ribs, which are more injurious to the material washed than the ordinary wear, and in lieu thereof use ribs on rollers, to act on the article as so many knuckles to force the water through the fabric and take with it the dirt set free by the water and soap; or either the operation being performed by passing the goods to be washed back and forth over the rollers in the same manner as on the ordinary wash-board.

Figure 1 is a plan view of the board and rollers. Fig. 2 is a perspective view of a detached standard cleat. Fig. 3 is a transverse section. Fig. 4 is a section or end view of roller.

A is a wash-board. B B B are fluted rollers. C C C are pivot-holes in the cleats E E, in which the pivots C C C rotate. F F F are flutes or ribs on the rollers B B B, and may run lengthwise of the roller and be formed by cutting recesses G G G, or by making the rollers more or less square, so that the corners will form the ribs F F, though the best way is to cut recesses G G G.

I am aware that wash-boards have been made with a series of plain or smooth round rollers, which I do not claim; but

I claim as my invention—

As a new article of manufacture, a fluted or corrugated roller wash-board, constructed and arranged substantially in the manner and for the purpose shown and set forth.

ALPHEUS D. SMITH.

Witnesses:

HOMER MCCLINTOCK,  
CHAS. DICKINSON.

(91)