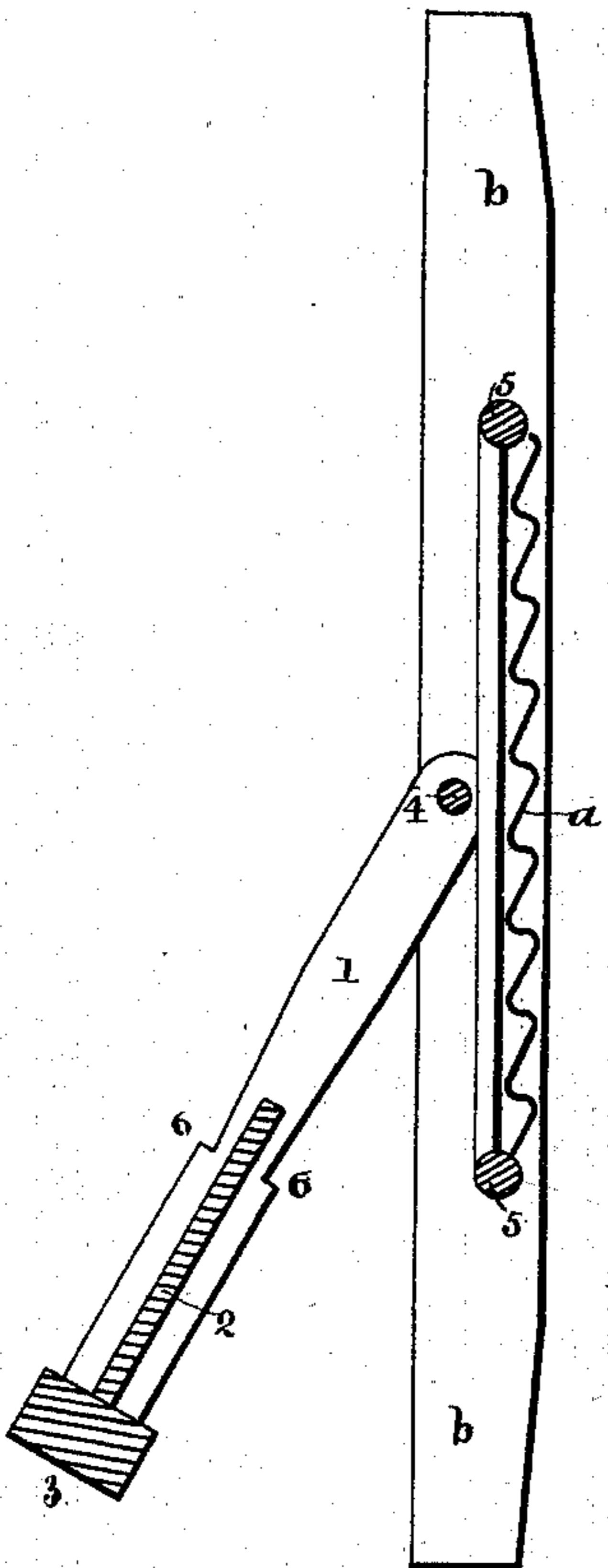


J. A. COLE.  
Wash-Boards.

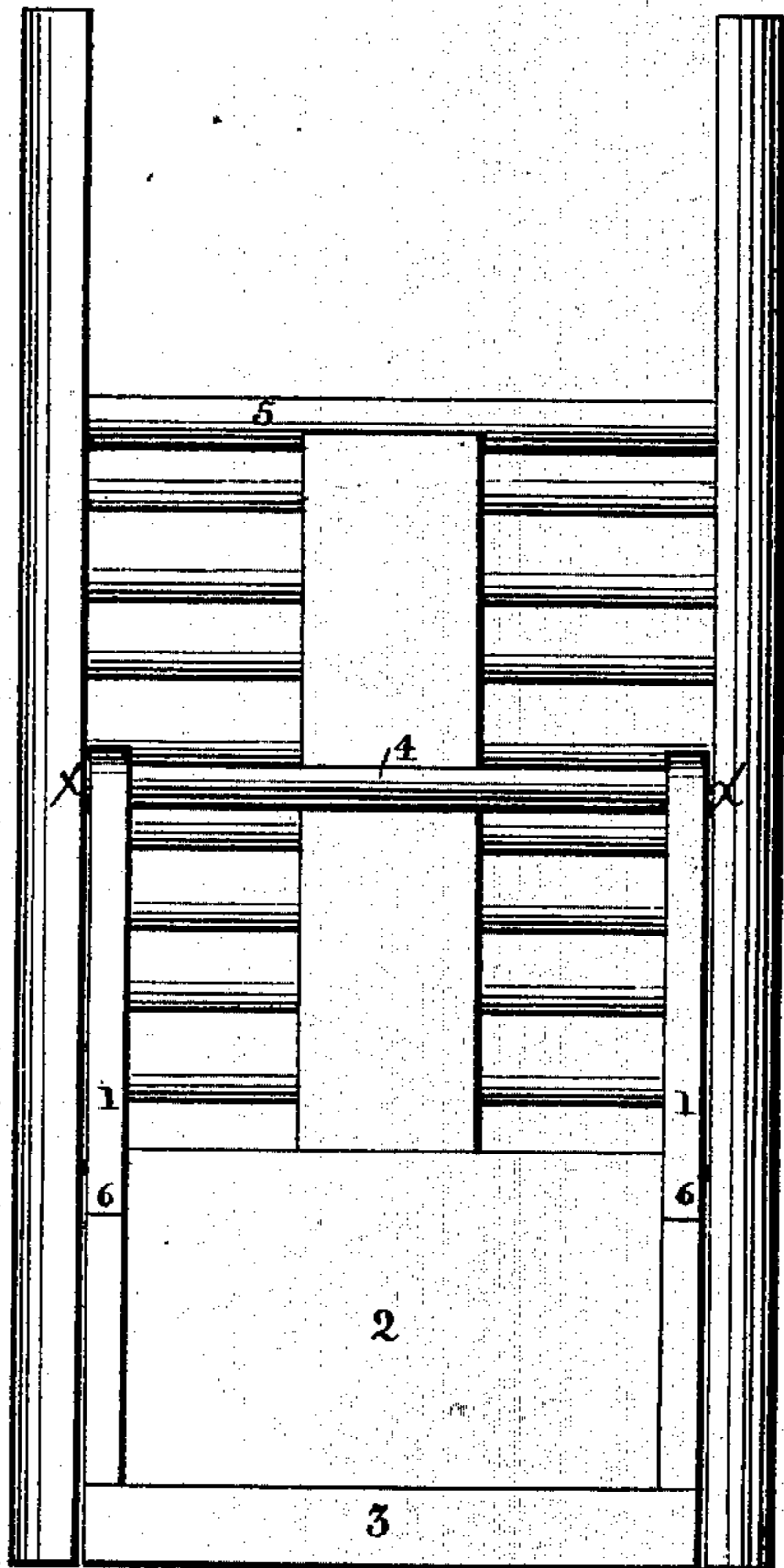
No. 146,433.

Patented Jan. 13, 1874.

*Fig. 1.*



*Fig. 2.*



Witnesses,

*Al. Slocum*  
*John Barker*

Inventor,

*J. A. Cole*

# UNITED STATES PATENT OFFICE.

JAMES A. COLE, OF NORTHVILLE, NEW YORK.

## IMPROVEMENT IN WASH-BOARDS.

Specification forming part of Letters Patent No. **146,433**, dated January 13, 1874; application filed October 10, 1873.

*To all whom it may concern:*

Be it known that I, JAMES A. COLE, of Northville, Fulton county, New York, have invented a Wash-Board, of which the following is a specification:

My invention relates to providing a reversible wash-board with a pivoted head, so constructed and arranged as to adapt it to be folded between the projecting ends of the side bars, and thus occupy little space; or to be extended and set at an angle to the board proper for supporting it in the tub.

In the drawing, Figure 1 represents a vertical section of the board and folding-head, and Fig. 2 a front or plan view.

The frame of the board is formed of parallel side bars *b b* and connecting cross bars or rounds 5 5. The zinc or tin plate *a*, which is secured to and between these four parts, is corrugated in such a manner that the board may be made to present a coarse or fine rubbing-surface, according as one end or the other is uppermost in the tub. To adapt it for such use, the side bars *b* project equally at each end of the board. The folding head is formed of

parallel side bars, which are connected by a board or panel, 2, and cross-bar 3. The same is pivoted to bar 4 between the bars *b b* of the board and centrally thereof, as shown, so that it will fit between the ends of bars *b* when it is required to pack the same for transportation or other purpose. To facilitate this the bars are cut away from 6 6 to the pivot-bar 4. The head may be set at an angle to the board proper to support it in a position convenient for performance of the rubbing process.

I do not claim a wash-board adapted, when reversed, to present a different rubbing-surface; but

I claim—

The combination, with the reversible board formed of plate *a* and bars *b b* projecting equally at each end and connected by bars 5 5, of the head pivoted centrally thereto, as shown and described, to adapt it to fold with or support the board, in the manner specified.

J. A. COLE.

Witnesses:

A. C. SLOCUM,  
J. S. BARKER.