

P. A. Schanck.
Just Pat.

No. 92,754.

Patented July 20, 1869.

Fig: 1.

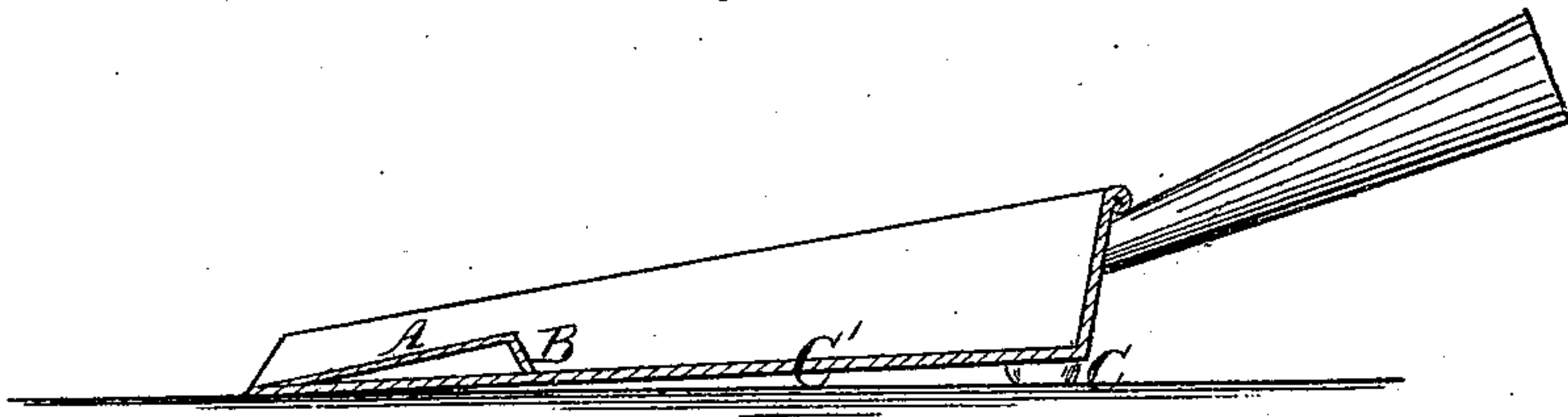
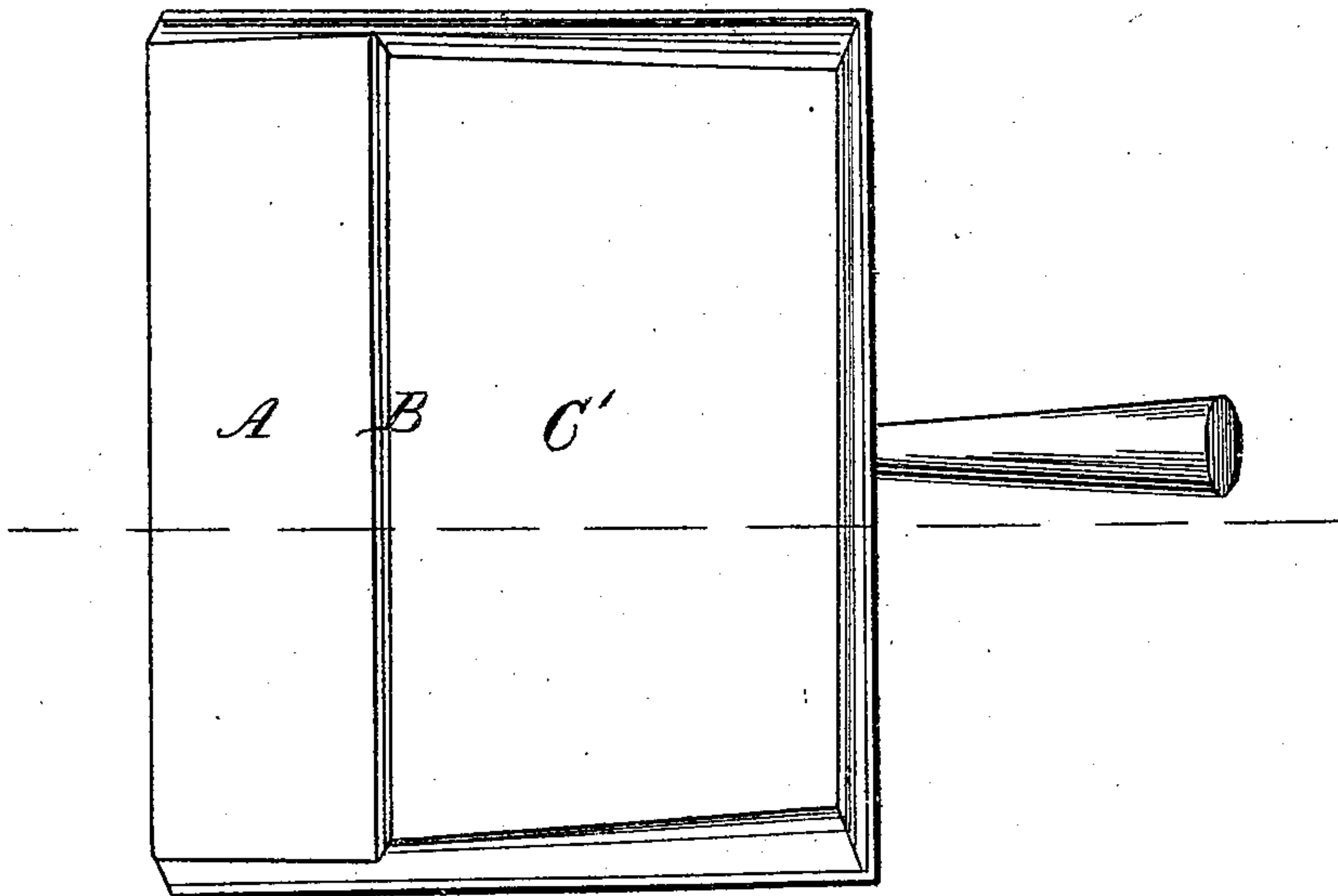


Fig: 2.



Witnesses:

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P. A. SCHANCK, OF MATAWAN, NEW JERSEY, ASSIGNOR TO HIMSELF AND R. L. MERRITT, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 92,754, dated July 20, 1869.

IMPROVEMENT IN DUST-PAN.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, P. A. SCHANCK, of Matawan, in the county of Monmouth, and State of New Jersey, have invented a new and improved Dust-Pan; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

My invention has for its object to furnish an improved dust-pan, which shall be so constructed as to be stronger and better adapted for use than those heretofore used.

The invention consists in providing a stiffening-plate for the mouth, to prevent it from bending upward, and in so shaping the bottom, that when resting on the floor, the edge will fit closely to the floor, and admit of sweeping the dust into it without requiring the heel to be held up by one hand to bring the edge down, as must be done with those now in use.

Figure 1 represents a section of my improved dust-pan, taken on the line *x x* of fig. 2, and

Figure 2 represents a plan view.

Similar letters of reference indicate corresponding parts.

The dust-pans, as now constructed, very soon bend up at the mouth, so that they require to be held up at the heel by the hand, while sweeping into them from the floor, which requires the sweeper to bend over in an uncomfortable position, and permits of the use of one hand only for sweeping, the other being occupied in holding the pan.

I place on the upper surface of the bottom plate *C'*, at the mouths, stiffening-plates *A*, forming an acute angle therewith, and spanning the same, and extending rearward more or less, as required, to impart the requisite stiffness, and bending down and joining the bottom at *B*.

It is desirable, for the sake of economizing material, as well as time, in manufacture, that the bottom or stiffening-plate *C'*, of the dust-pan, should be straight from one edge or side to the other, so that a single sheet of tin may be employed for that part, without any preparatory bending, &c. In that case, however, the front edge would not fit snugly to the carpet or floor as might be in most instances requisite. To obviate this objection, I provide studs *C*, at the rear edge or heel, thereby slightly elevating the same.

Dust-pans constructed in this way afford better facility for sweeping the dust into them, permitting the use of both hands for the purpose, and they hold the dust better after being swept in, the wall at *B* preventing it from escaping.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The strengthening-plate *A B*, in combination with plate *C'* and lugs *C*, as shown and described.

The above specification of my invention signed by me, this 5th day of June, 1869.

P. A. SCHANCK.

Witnesses:

FRANK BLOCKLEY,

ALEX. F. ROBERTS.