No. 772,822. PATENTED OCT. 18, 1904.

P. A. PETERSON.

BLACKBOARD ERASER CLEANER.

APPLICATION FILED MAY 14, 1904.

NO MODEL.

Fig. 1.

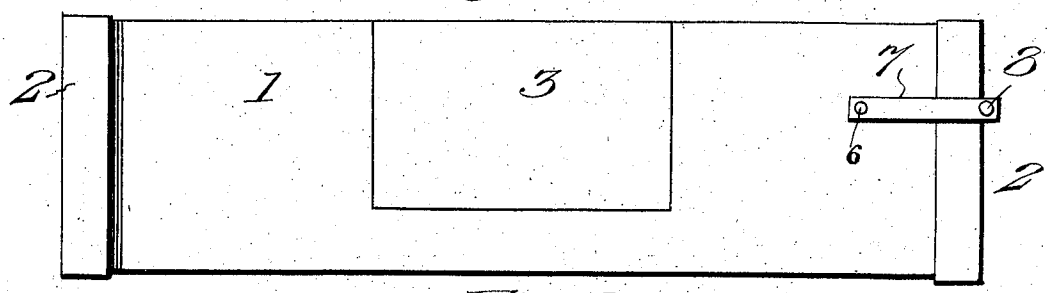


Fig. 2.

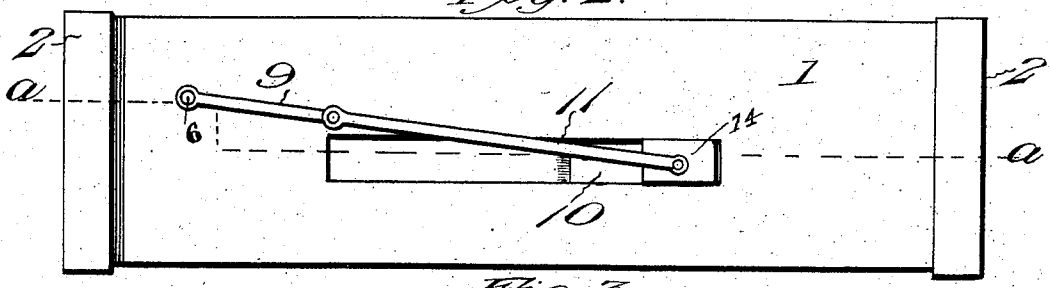


Fig. 3.

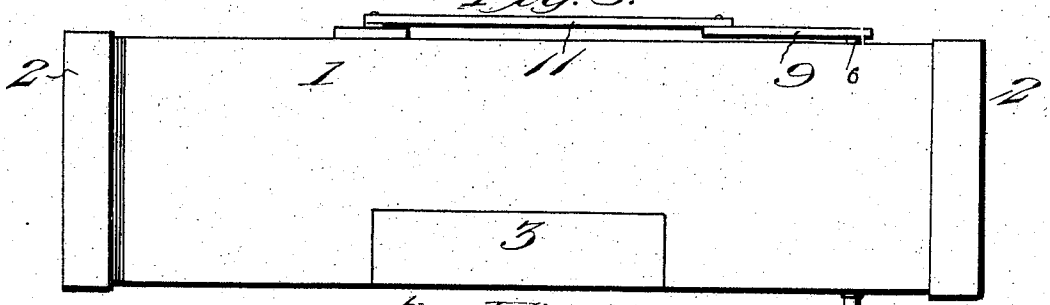


Fig. 4.

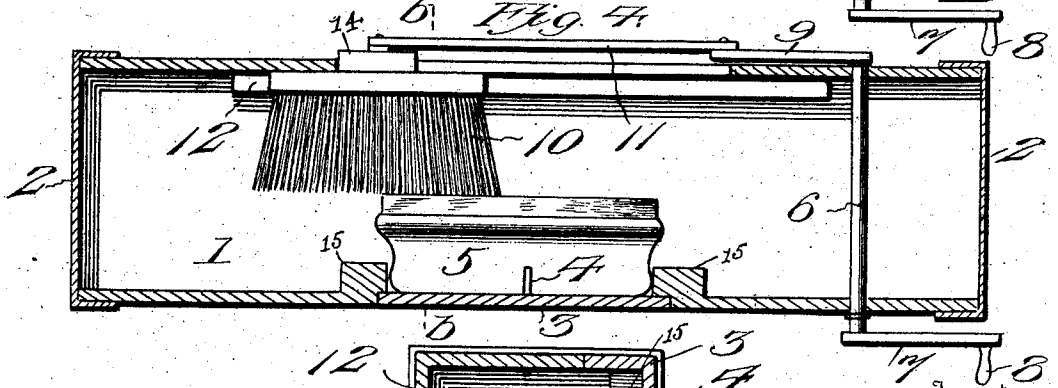
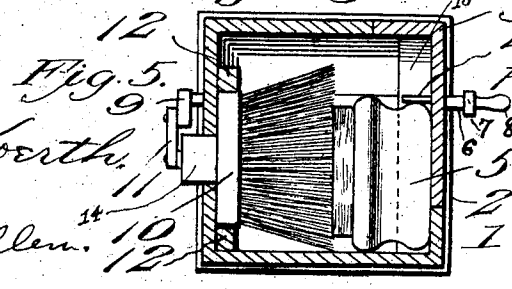


Fig. 5.



Witnesses

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No. 772,822. Patented October 18, 1904.

UNITED STATES PATENT OFFICE.

PETER A. PETERSON, OF CEDAR RAPIDS, IOWA.

BLACKBOARD-ERASER CLEANER.

SPECIFICATION forming part of Letters Patent No. 772,822, dated October 18, 1904.

Application filed May 14, 1904. Serial No. 208,028. (No model.)

To all whom it may concern:

Be it known that I, PETER A. PETERSON, a citizen of the United States, residing at Cedar Rapids, in the county of Linn and State of Iowa, have invented new and useful Improvements in Blackboard-Eraser Cleaners, of which the following is a specification.

This invention pertains to a device for cleaning chalk-dust from blackboard-erasers, its construction being simple and of few parts, easy of operation, and thoroughly effective in its result.

In the accompanying drawings, Figure 1 is a view of my invention as seen from one side. Fig. 2 is a similar view of the opposite side. Fig. 3 is a plan view. Fig. 4 is a longitudinal sectional view on the line *a a*, Fig. 2. Fig. 5 is a view in cross-section on the line *b b*, Fig. 4.

Similar numerals indicate the same parts throughout the drawings.

1 indicates a box, preferably rectangular in cross-section and of a length sufficient for the use to which it is put. The ends of the box are closed by covers 2, while in one of its sides and a part of its top an opening is made through which an eraser to be cleaned is inserted. The opening is covered by a right-angled closure 3, (see Fig. 5,) from which a pin or other projection 4 extends inwardly to bear on the hand-grip of the eraser 5 and hold it in position. Flanges or stops adjacent the opening prevent endwise movement of the eraser. The closure may be held in place by hand or by any well-known form of fastening. Passing through one end of the box 1 is a cross-shaft 6, having a crank on either end 7, carrying a handle 8 to be grasped by the fingers for turning the shaft, while the other, 9, reciprocates a brush 10 through the medium of a connecting-link 11. The brush 10 is arranged to slide between guides 12, the bristles of said brush being directed inward toward the eraser. It also has a slide 14 projecting from its back through a slot 13 in the box 1, to which the connecting-link 11 is attached.

The operation of my eraser-cleaner is readily understood from an inspection of the drawings. The closure 3 is removed and a blackboard-eraser placed therein between the flanges 15, with its working face against the brush. The closure is then replaced, the pin or projection 4 thereon holding the eraser steady. The crank being turned, the brush 10 moves back and forth over the working face of the eraser until it is thoroughly cleaned. The dust escaping from the eraser settles in the bottom of the box and may be removed therefrom by taking off either or both caps 2.

Having thus described the invention, what is claimed as new is—

1. In a blackboard-eraser cleaner, the combination of a box having an opening in one side for inserting the eraser, a closure for said opening, an inward projection on said closure for holding the eraser in place, a brush mounted within said box for operating on the eraser, guides for said brush, means for reciprocating said brush, and removable end caps for the box.

2. In a blackboard-eraser cleaner, the combination of a box having a continuous opening formed partly in two sides thereof, flanges at the sides of said opening to prevent endwise movement of the eraser placed in said box, a closure for said opening having a projection thereon to rest on the top of an inserted eraser, and a brush adapted to be reciprocated across the working face of an eraser to clean the same.

In testimony whereof I affix my signature in presence of two witnesses.

PETER A. PETERSON.

Witnesses:
ANNA BURIANEK,
N. E. NEMECEK.