

(No Model.)

C. R. PECHIN.
BLACKBOARD ERASER.

No. 531,696.

Patented Jan. 1, 1895.

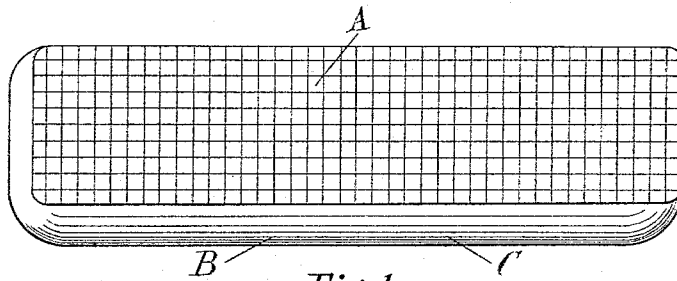


Fig. 1.

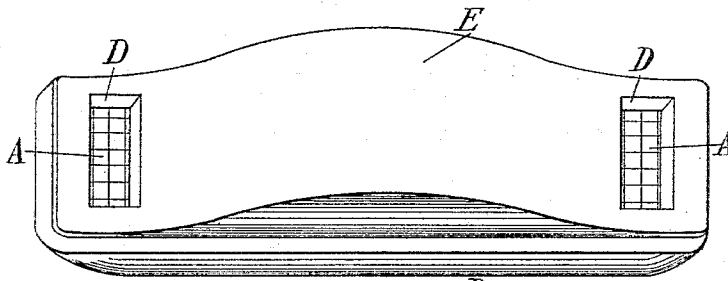
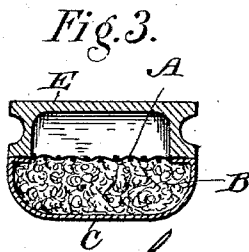


Fig. 2.



Witnesses:

A. Tref
Paul R. Cole

Calvin R. Pechin
Inventor.

UNITED STATES PATENT OFFICE.

CELINA R. PECHIN, OF SAN FRANCISCO, CALIFORNIA.

BLACKBOARD-ERASER.

SPECIFICATION forming part of Letters Patent No. 531,696, dated January 1, 1895.

Application filed February 13, 1893. Serial No. 462,195. (No model.)

To all whom it may concern:

Be it known that I, CELINA R. PECHIN, a citizen of the United States, residing at the city and county of San Francisco, State of California, have invented a new and useful Blackboard-Eraser, of which the following is a specification.

My invention relates to improvements in blackboard erasers, such as are usually used in schools, to erase chalk marks on blackboards, and its object is to facilitate such erasure, to leave the blackboard clean and unclouded by the chalk-dust, which usually collects in the ordinary erasers, and to prevent such chalk-dust from so collecting, by furnishing an open back of wire netting or other perforated or meshed material, instead of the solid back usually and universally heretofore employed, which retains in the body of the eraser or cushion, the greater portion of such dust, and which after the eraser has been used a short time, renders it impossible on passing it over the blackboard, to leave a clean surface, by reason of the chalk-dust so collected in the body of the eraser, and for the same reason also renders the eraser practically useless after a short period of service. I attain this object by the eraser indicated in the accompanying drawings, in which—

Figure 1 represents the cushion and the perforated back of wire netting. Fig. 2 represents a complete eraser with back or handle, but without the springs referred to. Fig. 3 is a cross section of the eraser.

Taking any ordinary cushion, B, of proper shape, the erasing surface, C, being of velvet, plush or any other similar material, and the body or filling thereof consisting of curled hair, or other material which will permit the chalk-dust passing through the erasing surface to be sifted through,—the top or back of such cushion being uncovered, and the said filling exposed,—I stretch across the said top of such cushion, a sheet of wire netting or similar perforated material, A, completely covering the exposed filling of the cushion, and firmly affix it in such position to said cushion. This wire netting or similar perfo-

rated material, enables the dust collected, to pass through the body of the cushion, and to sift out through the said netting.

For convenience of use, and to prevent the dust from flying about promiscuously, as well as to promote the durability, cheapness and general utility of the eraser, I provide an economical handle or back, E, made of wood or similar material, as shown in Fig. 2, and so shaped as to easily conform itself to the hand,—with grooves along the outer edges, to furnish and facilitate an easy grasp, and the interior surface thereof so shaped that a convenient space is left between said wire netting “A” and said interior surface of back or handle E wherein the dust will collect and remain until ejected through the slots or openings D, which I provide near either end of the eraser, which extend through the entire thickness of the handle E and permit the dust collected to be easily ejected from and through the space between the wire netting and the interior surface of the handle E, through said openings D.

This eraser is practically self-cleaning, and will succeed in automatically achieving a long desired result, the freeing of the cushion from the accumulated chalk dust remaining therein after repeated usage. With the ordinary solid back, this result is impossible.

With my eraser, every act of rubbing or erasing assists in cleaning the eraser, instead of adding to its accumulation of dust; every pressure of the cushion tending to send the dust through the perforated back. By keeping the eraser clean, it also prevents the blackboard from becoming “smeary,” “cloudy,” or “smutty.” It is lighter than the ordinary eraser, cleaner, more durable, and less fatiguing to handle, and cheaper.

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

1. A blackboard eraser consisting of a pad or cushion of loose material, the back of said cushion being covered by a meshed or perforated covering, as set forth.

2. A blackboard eraser consisting of a pad or cushion of loose material, and a meshed or perforated material covering the back of said

cushion, in combination with a suitable handle secured thereto, as and for the purpose set forth.

5 3. In a blackboard eraser, the combination of the cushion C, erasing surface B, with the perforated or meshed material A, and a handle E, provided with the slots or openings D,

all substantially as, and for the purposes hereinbefore set forth.

CELINA R. PECHIN.

Witnesses:

A. RUEF,

PAUL R. COLE.