

J. HAGGERTY.
BLACKBOARD RUBBER.

No. 178,847.

Patented June 20, 1876

Fig. 1.

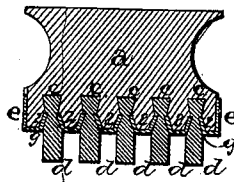
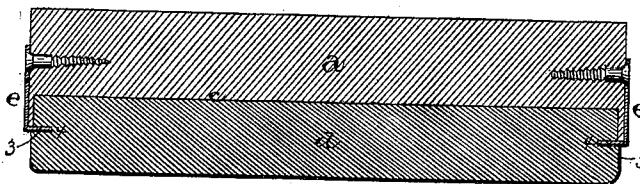


Fig. 2.



WITNESSES:

J. W. Farmer

F. M. Burnham

INVENTOR:

Jno. Haggerty

per F. A. Lehmann, Atty.

UNITED STATES PATENT OFFICE.

JOHN HAGGERTY, OF CORRY, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
HIS RIGHT TO V. G. CURTIS, OF SAME PLACE.

IMPROVEMENT IN BLACKBOARD-RUBBERS.

Specification forming part of Letters Patent No. 178,847, dated June 20, 1876; application filed
February 18, 1876.

To all whom it may concern:

Be it known that I, JOHN HAGGERTY, of Corry, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Eraser for Blackboards and Slates; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in blackboard-erasers; and it consists in the arrangement and combination of parts, that will be more fully described hereinafter, whereby the erasive material can be reversed after one of its edges has been worn away.

The accompanying drawings represent my invention.

a represents a suitable block of wood or other material, which has a number of grooves, *c*, cut in its inner side, corresponding in number to the pieces of felt or other erasive material, *d*, that is used. Secured to the block, by means of screws or other fastenings, in such a manner that it can be removed at will, is the sheet-metal frame *e*, which overlaps all four edges of the block, and which frame has a number of longitudinal slots running its full length, up through which the pieces of felt or other material, *d*, pass. Upon each side of the slots *g* is formed a flange, *2*, which flanges

slightly approach each other at their upper edges, for the purpose of bracing the strips of felt in position, and to prevent them from working in and out. At each end of the frame *e* there is formed a horizontal flange, *3*, which runs across the frame, and which catch in the slits *4*, cut in the ends of the pieces of felt, so as to hold them more securely in position, and prevent them from accidentally coming out.

The strips of felt or other material should be placed so far apart that a channel will always be left between them, so that the chalk that is rubbed from the board will fall freely through to the floor.

When one edge of the pieces of felt is worn away they can be taken out of the frame and replaced, so that the other edge will be presented for use.

Having thus described my invention, I claim--

1. The frame *e*, having the slots *g* and flanges *2*, in combination with the block *a* and strips of erasive material, substantially as shown.

2. The frame *e*, having the flanges *3*, for catching in the slits *4* in the ends of the strips *d*, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of January, 1876.

JOHN HAGGERTY.

Witnesses:

C. S. WILSON,
THOS. W. TYLER.