

(No Model.)

C. C. DUDLEY.

ERASER.

No. 357,146.

Patented Feb. 1, 1887.

Fig. 1.

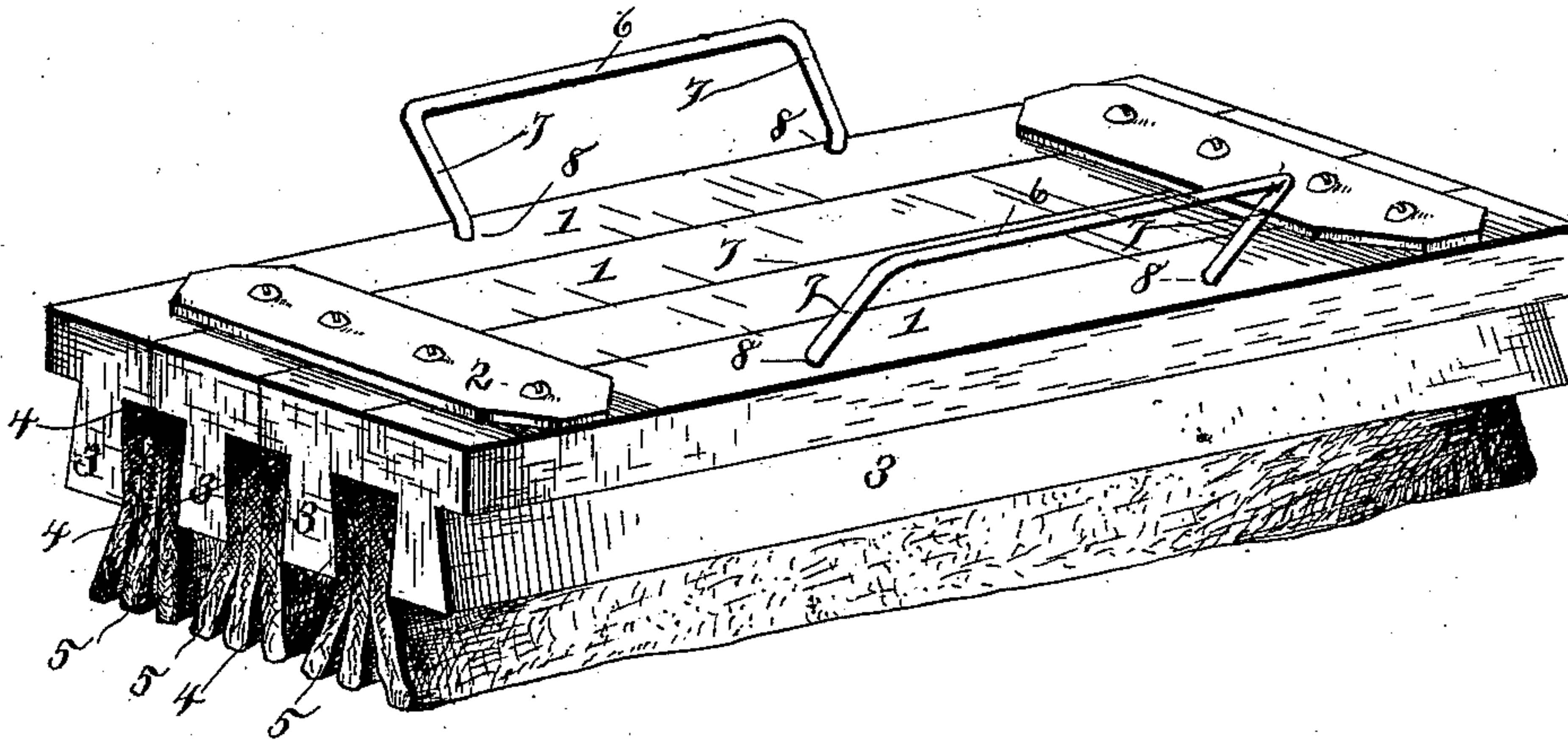


Fig. 2.

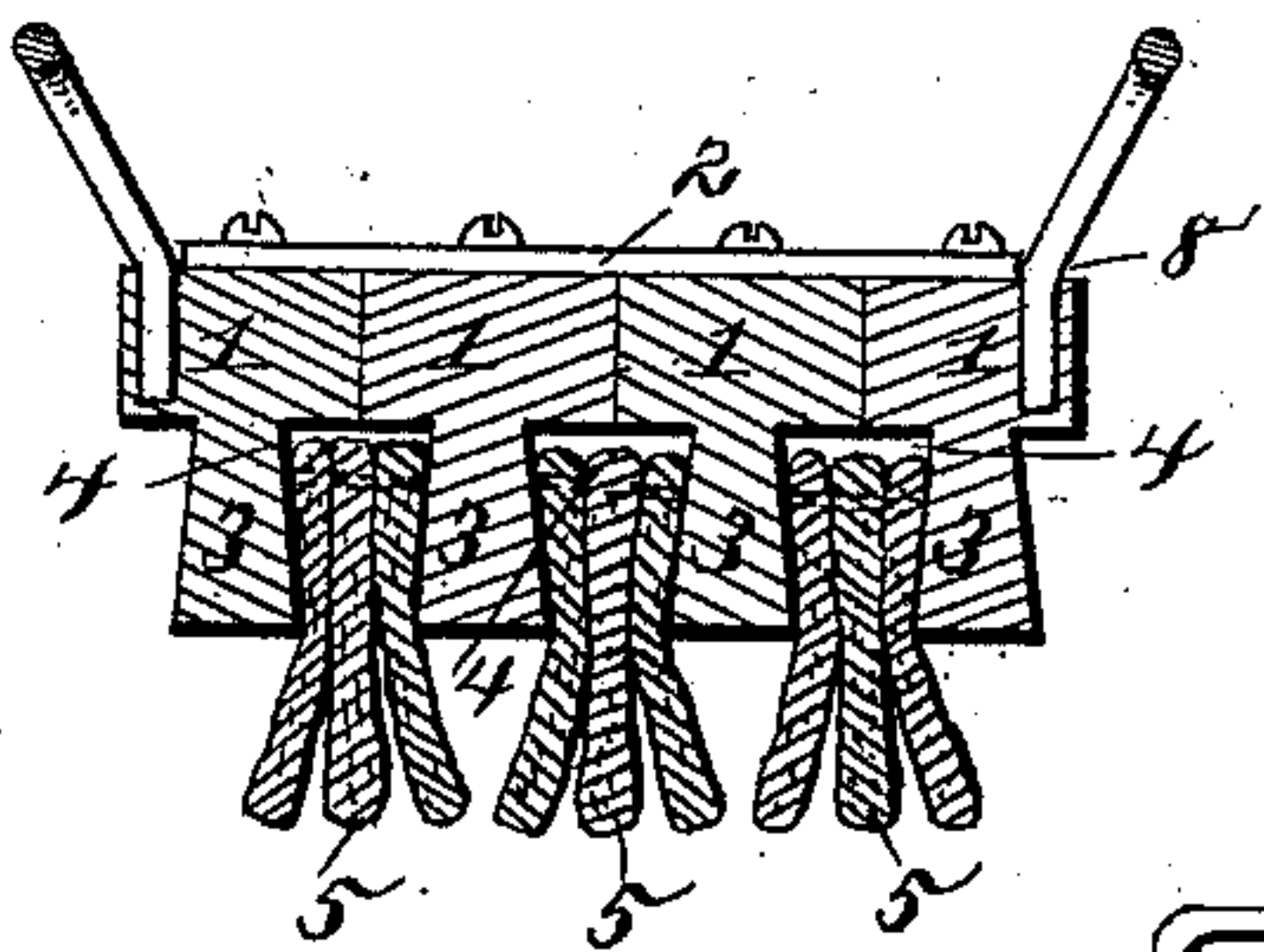


Fig. 3.

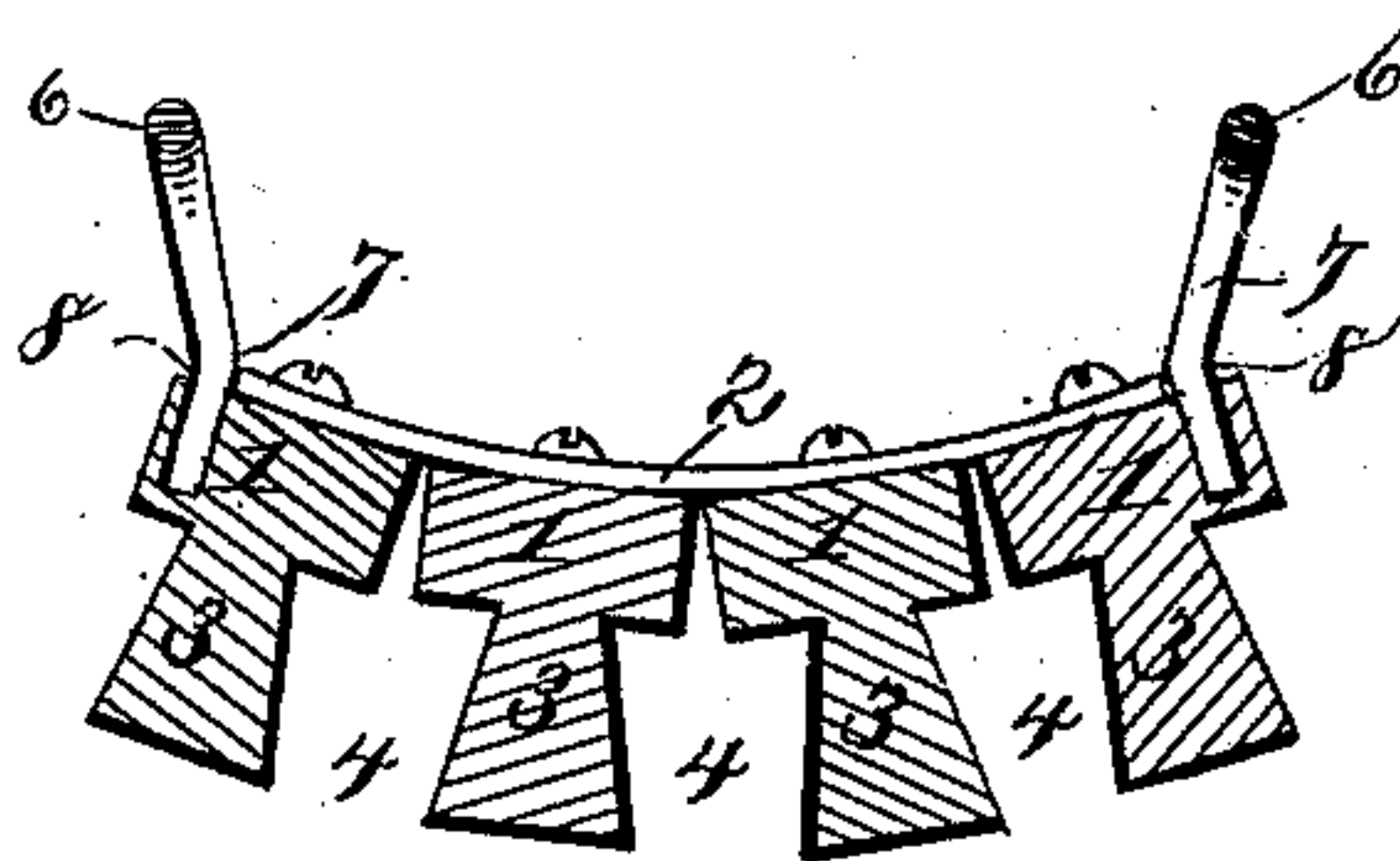
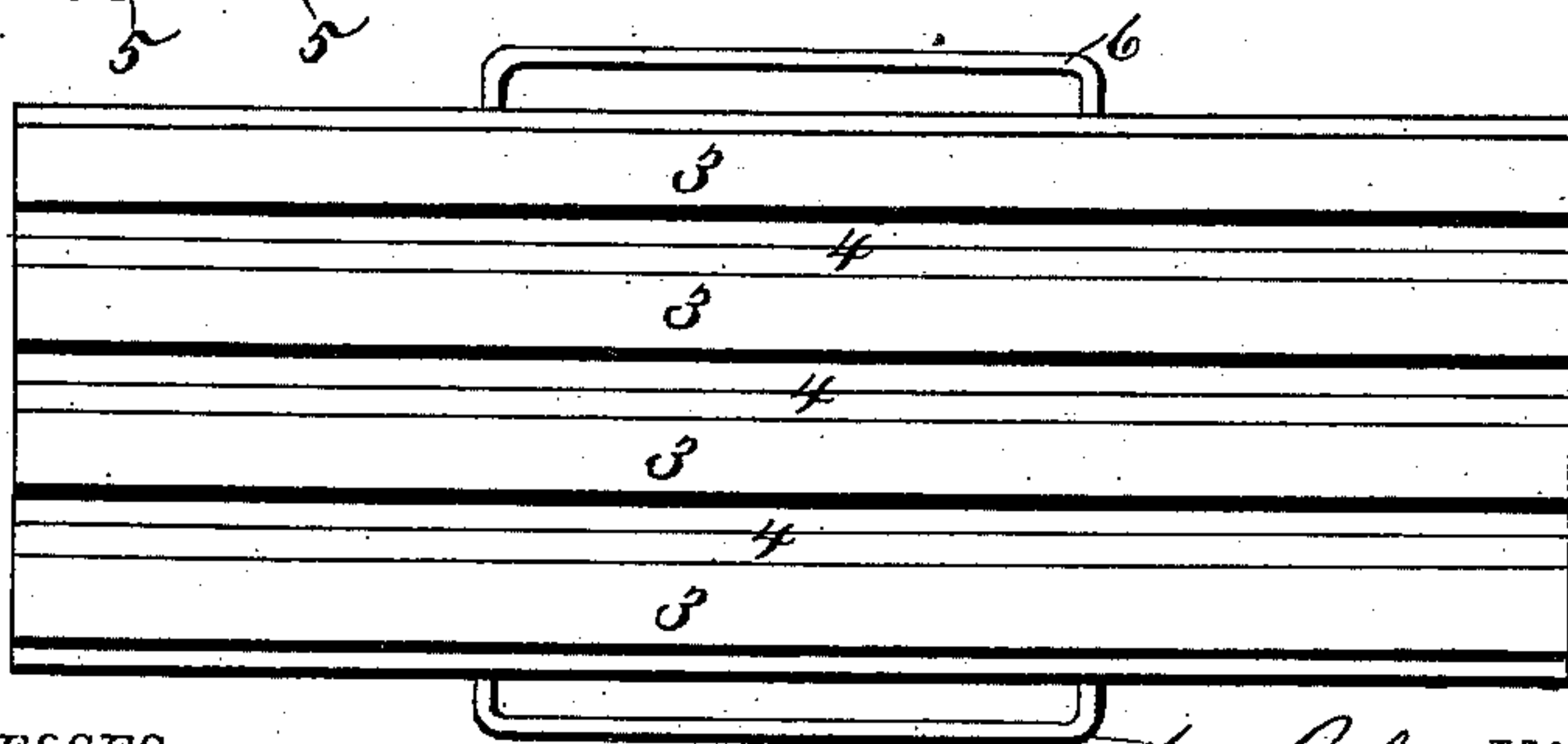


Fig. 4.



WITNESSES

F. L. Ourand.  
Bennett S. Jones.

INVENTOR

Charles C. Dudley  
by Louis Ruggert Co.  
Attorney



# UNITED STATES PATENT OFFICE.

CHARLES C. DUDLEY, OF MAQUOKETA, IOWA, ASSIGNOR OF ONE-HALF TO  
WILLIAM M. WELCH, OF SAME PLACE.

## ERASER.

SPECIFICATION forming part of Letters Patent No. 357,146, dated February 1, 1887.

Application filed September 20, 1886. Serial No. 214,011. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES C. DUDLEY, a citizen of the United States, and a resident of Maquoketa, in the county of Jackson and State of Iowa, have invented certain new and useful Improvements in Erasers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved blackboard-eraser. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a similar view showing it ready to receive the textile strips, and Fig. 4 is a view of the under side of the eraser.

Similar numerals of reference indicate corresponding parts in all the figures.

My invention has relation to that class of erasers for blackboards or similar contrivances upon which chalk or crayon is used for writing or drawing, in which strips of textile material are clamped edgewise for the purpose of offering an erasing or wiping surface; and it consists in the improved construction and combination of parts of such an eraser in which the textile strips may be removed when worn and replaced with new strips, as hereinafter more fully described and claimed.

In the accompanying drawings, the numerals 1 indicate strips, preferably of wood, secured together by means of transverse strips 2, of spring metal, secured to the backs of the strips, and the faces of these strips are formed with dovetailed ribs 3, forming dovetailed grooves 4 between them.

Strips 5, of textile material, preferably cloth lists or strips of felt, are inserted with their inner edges in these grooves, a number of strips being preferably stitched together with their upper edges and clamped in each groove; and for the purpose of opening the grooves sufficiently wide to receive the said strips, two handles, 6, are formed by wires bent to form bails, and having their slightly-bent ends

7 inserted in perforations 8 in the outer clamping-strips in their upper sides, the handles diverging and being removably inserted with their inner bent ends.

By pressing together the diverging handles the wooden strips will be tilted so as to bring their dovetailed ribs apart, and the strips of textile material may be inserted or removed into or from the grooves. In this manner it will be seen that when the strips of textile material become worn by use they may be removed and new strips may be inserted, so that the back of the eraser may be continually used, new strips being inserted when the old strips are worn.

The clamping-strips may be made of any desired material and numerous changes may be made in their construction without departing from the spirit of my invention, the essential part of the invention being an elastic or yielding back and grooves having the edges projecting toward each other, for the purpose of clamping the strips and biting into them, and the handles may be of different shapes, and may be either rigidly secured or removable, the removable handles and the form of back shown and described being, however, the most desired.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In an eraser, the combination of a back having an elastic or springing upper side and having grooves in its under side, formed with inwardly-projecting edges, strips of textile material inserted with their edges in the grooves, and diverging handles at the side edges of the upper face of the back, as and for the purpose shown and set forth.

2. In an eraser, the combination of a number of strips having dovetailed ribs upon their under sides, and having their upper faces connected by springs secured to them, textile strips clamped in the grooves formed between the ribs, and diverging handles secured in the upper sides of the outer strips near the edges, as and for the purpose shown and set forth.

3. In an eraser, the combination of strips

having dovetailed ribs upon their under sides,  
and having flat transverse springs secured to  
their upper faces, strips of textile material  
secured in the dovetailed grooves formed be-  
5 tween the dovetailed ribs, and wire bails se-  
cured with their bent ends in the upper sides  
of the outer strips, forming diverging han-  
dles, as and for the purpose shown and set  
forth.

In testimony that I claim the foregoing as to  
my own I have hereunto affixed my signature  
in presence of two witnesses.

CHARLES C. DUDLEY.

Witnesses:

F. D. SMITH,

E. C. WEED.