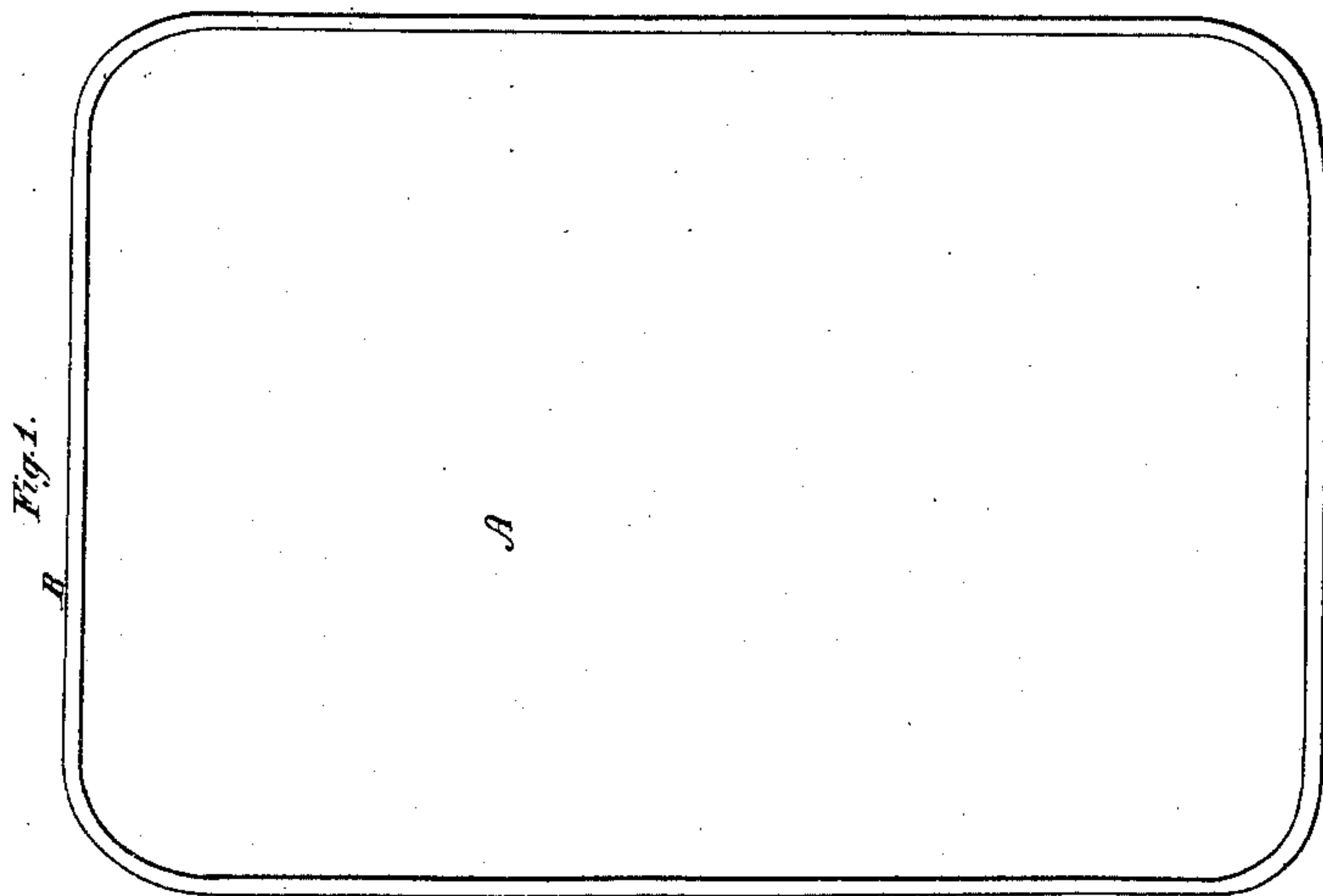
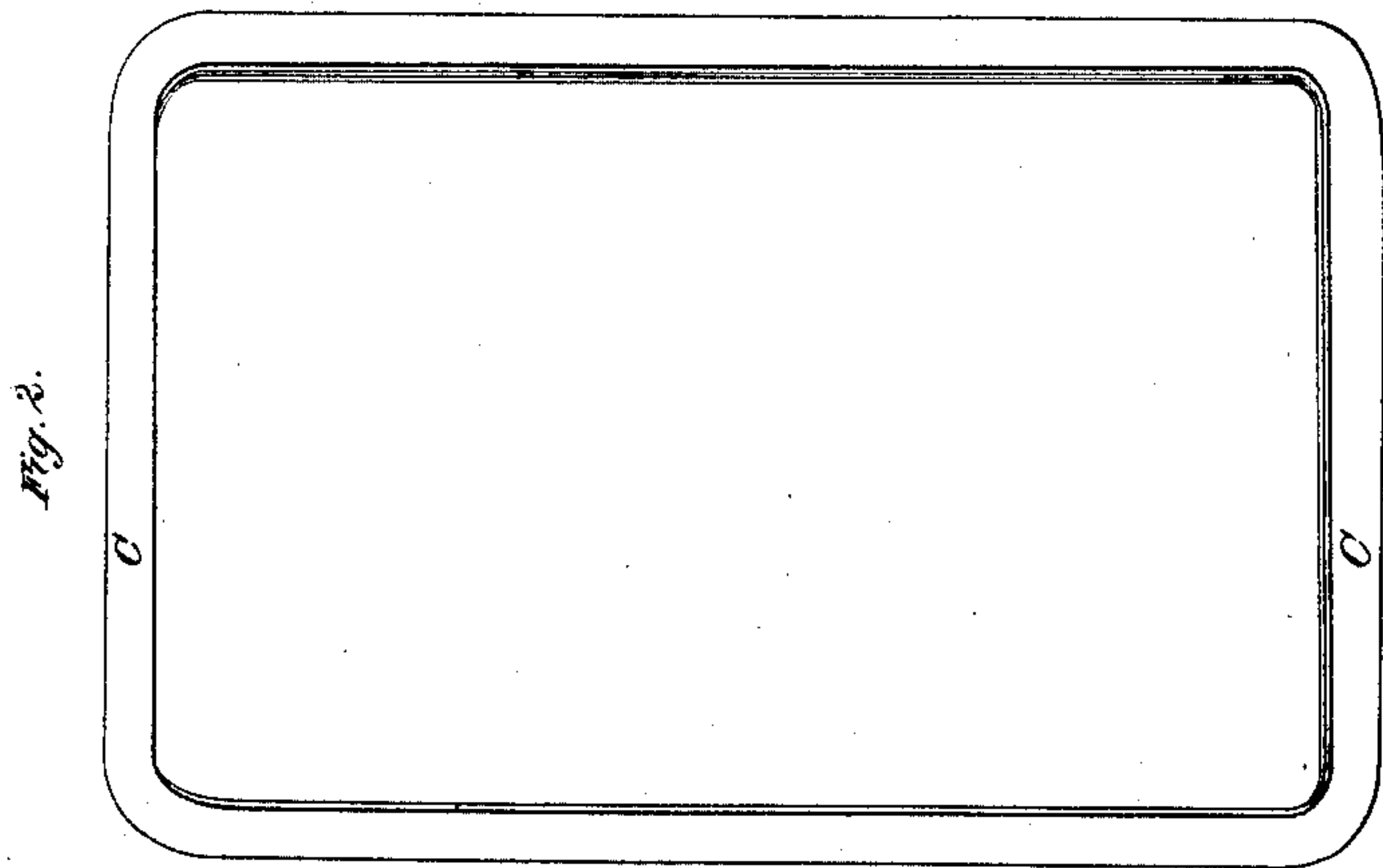
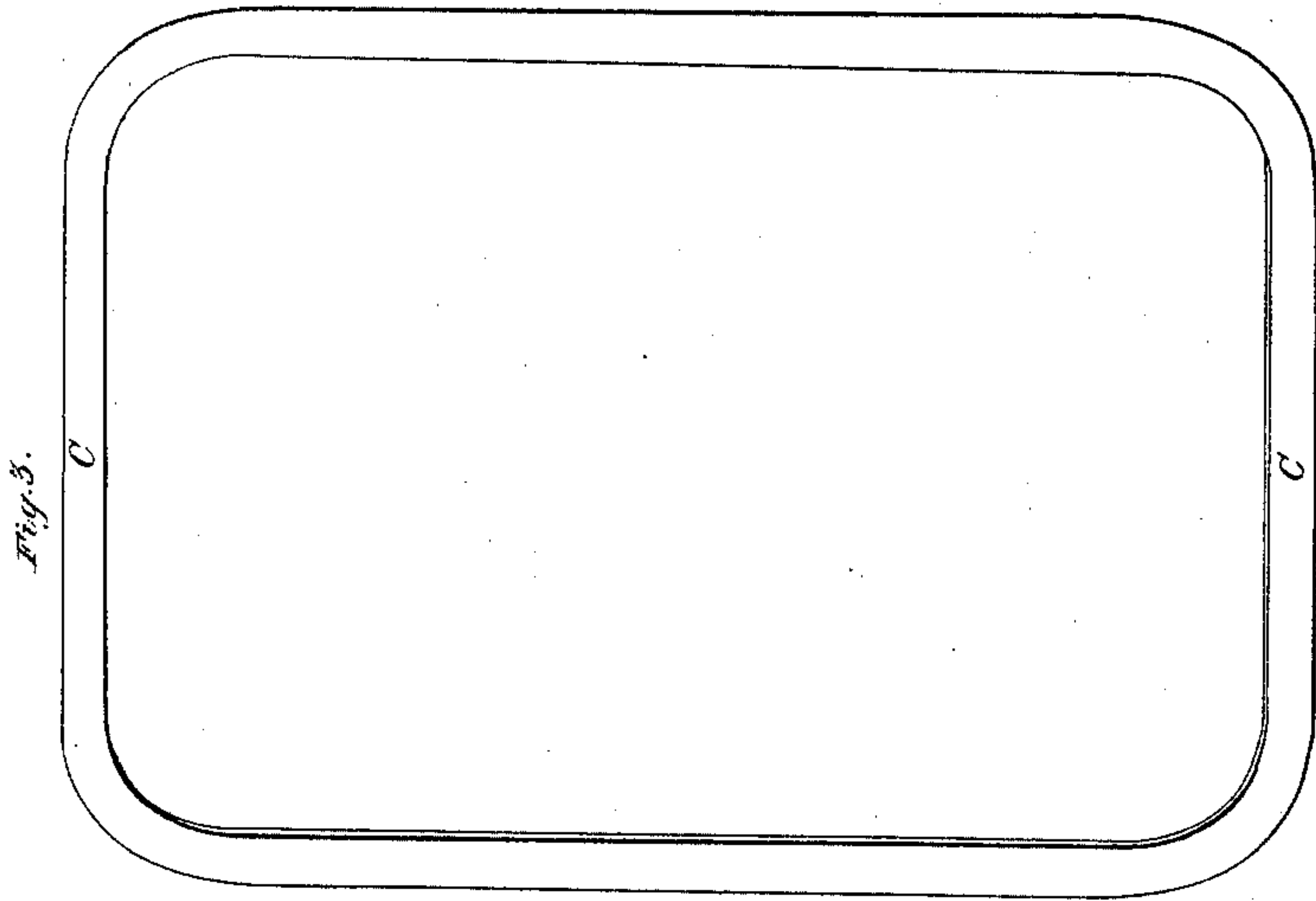


*H. Beebe,*

*Mounting Slates.*

*N<sup>o</sup> 23343.*

*Patented Mar. 29, 1859.*



*Inventor.*

*Hubbard '73 sels*

# UNITED STATES PATENT OFFICE.

HUBBARD BEEBE, OF NEW HAVEN, CONNECTICUT.

## MODE OF PREPARING AND MOUNTING SLATES.

Specification forming part of Letters Patent No. 23,343, dated March 29, 1859.

*To all whom it may concern:*

Be it known that I, HUBBARD BEEBE, of the city and county of New Haven, in the State of Connecticut, have invented a new and Improved Mode of Preparing and Mounting Slates, whether of stone or slated paper or wood, for use in schools, academies, and other institutions for educational purposes; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the framing or mounting of school-slates, whether of stone or of slated paper or wood, with a narrow band or rim of iron, copper, brass, tin, or other metal of suitable strength and tenacity, made hollow or grooved and closely fitted to and around the edges of such slates, surmounted and covered by a border of vulcanized india-rubber or gutta-percha (either with or without a lining of cloth) extending over and around the edge or rim of such slates to a suitable width on both sides thereof, the object being as well to secure a proper degree of stiffness to the slate, as to unite in the best manner in the framing or mounting thereof the qualities of strength, durability, beauty, and economy with noiselessness in use.

To enable others skilled in the art to make and use my invention, I annex also drawings with letters of reference thereon, an inspection of which, with the description herein given, will sufficiently exhibit the mode of framing or mounting slates which I claim as my invention.

Figure 1 represents the slate, (marked A,) whether of stone, paper, or wood, with the metallic rim (marked B) thereon, ready for the framing or mounting of the vulcanized india-rubber or gutta-percha, (shown in Fig. 2,

marked C,) which I find it best to prepare, as shown in Fig. 2, in a shape to correspond with that of the slate, Fig. 1, for which it is designed, but of a size somewhat less, its elasticity being such that it can be easily extended and drawn over the edge or rim and fitted and adjusted so as to inclose the same to a sufficient depth on both sides thereof to constitute a suitable frame for the slate, as shown in the drawings, Fig. 3, letter C, to which it is then to be attached by some proper cement or glue. I use for that purpose seed-lac varnish, a cement in common use and known among hatters under the name of "tip-stuff."

I do not claim the vulcanized india-rubber or gutta-percha, or any right to use the same without the license of the patentee thereof.

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

1. The combination of a metallic band or rim and vulcanized india-rubber frame or mounting, with or without a lining of cloth, to the school-slate, whether of stone or slated paper or wood, substantially in the manner and for the purposes herein specified and set forth.

2. The application of the vulcanized india-rubber or gutta-percha frame or mounting, substantially in the manner herein described, without the metallic rim, to slates of stone or other material of sufficient strength and stiffness to warrant its disuse in any case; but I deem it preferable in all cases to combine the two where durability as well as noiselessness is deemed important.

HUBBARD BEEBE.

In presence of—

ROGER S. BALDWIN,  
SAM. C. BLACKMAN.