

(Model.)

W. MUNROE.

ORGAN REED.

No. 274,642.

Patented Mar. 27, 1883.

Fig. 1.

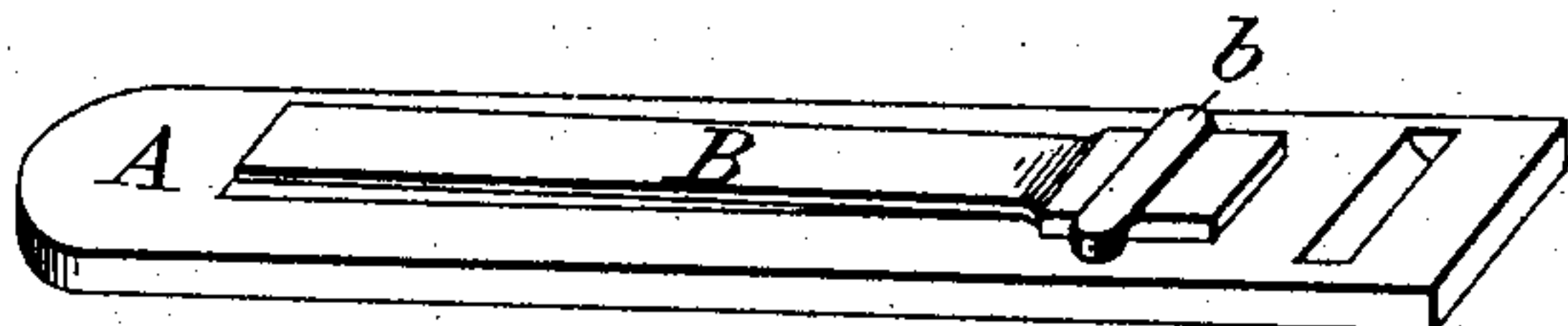


Fig. 2.

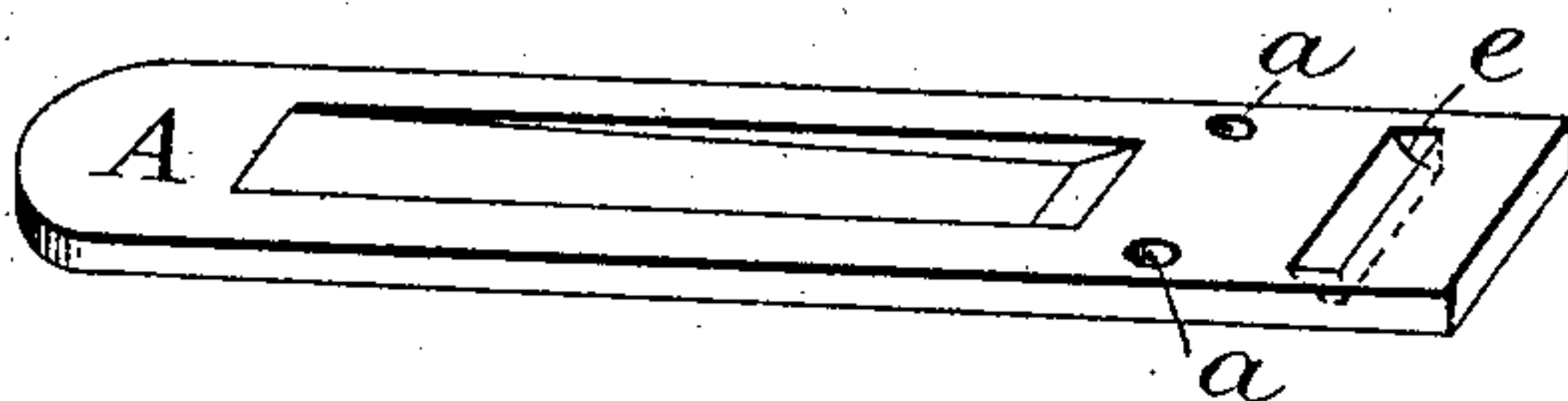


Fig. 3.

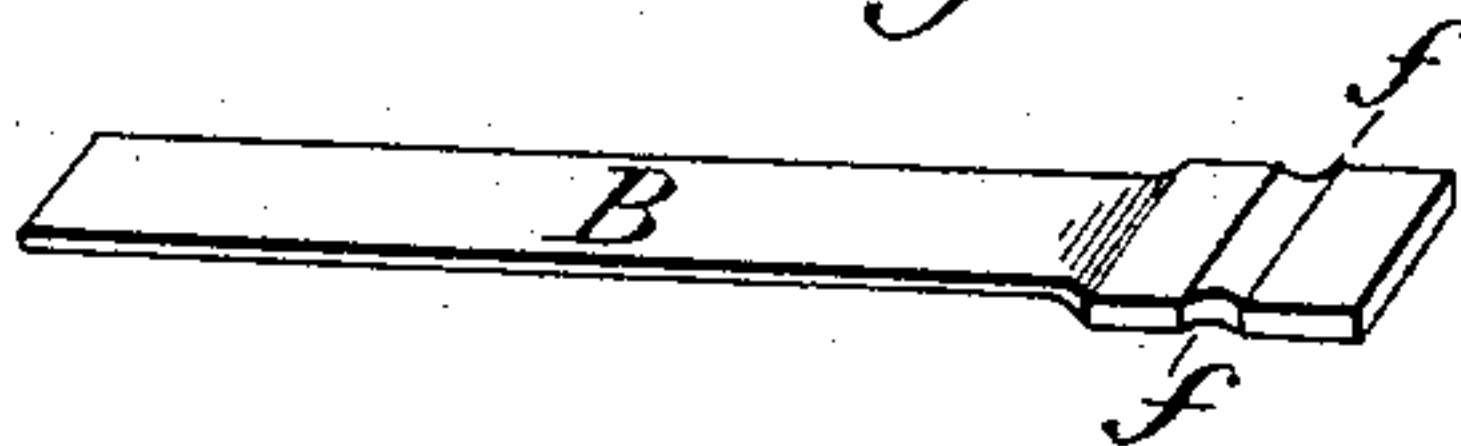
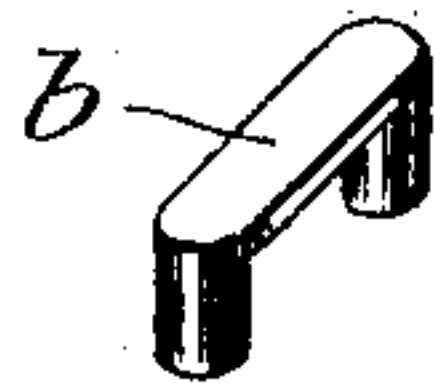


Fig. 4.



Witnesses:

Lyman H. Essex
James Whitford

Inventor:

William Munroe
Per Merritt Kelly, atty.

UNITED STATES PATENT OFFICE.

WILLIAM MUNROE, OF WORCESTER, MASSACHUSETTS.

ORGAN-REED.

SPECIFICATION forming part of Letters Patent No. 274,642, dated March 27, 1883.

Application filed October 20, 1882. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM MUNROE, a resident of the city of Worcester, in the county of Worcester and State of Massachusetts, have
5 invented a certain new and useful Improvement in Organ-Reeds, of which the following is a specification.

In the accompanying drawings, Figure 1 is a perspective view of the reed complete and
10 ready for use; Fig. 2, the reed-block, showing the holes for the ends of the staple; Fig. 3, the tongue of the reed, showing the butt with surface grooved and sides recessed to receive the staple for holding it firmly in position on the
15 reed-block; and Fig. 4 represents the staple.

In the construction of an organ-reed it is very desirable that the tongue be very firmly fixed to the reed-block; and the object of my invention is to accomplish this in a cheap and
20 simple manner, and at the same time produce a reed strong and durable and of excellent quality.

In the reed-block A, I make two holes, *a a*, Fig. 2. These holes are for receiving the ends
25 of the staple *b*, Fig. 4. The butt of the tongue B, Fig. 3, is also perforated to correspond with the holes *a a*, or is recessed on each side, as at *f f*. I also cut a groove across the butt of the tongue from *f* to *f*, as shown. The tongue is
30 first placed on the block with the recesses *f f* over the holes *a a*, and the ends of the staple

are inserted in the holes, driven home, and then upset. The staple being firmly set into the groove and recesses of the tongue, this holds firmly in position, and prevents any pos- 35
sibility of either longitudinal or transverse movement of the tongue. As the staple passes across the butt of the reed and is firmly set, the butt is held firmly in entire contact with its seat, (the face of the reed-block,) which is 40
absolutely necessary to produce a firm and pure quality of tone.

What I claim as my invention is—

1. In an organ-reed, the tongue of the reed, secured to the reed-block by means of a wire 45
staple, the prongs of the staple being upset sufficiently to draw the butt of the tongue tightly down upon the face of the reed-block.

2. In an organ-reed, the tongue grooved across its butt for receiving the bridge of the 50
wire staple pressed therein to aid in holding the tongue firmly in position.

3. The tongue of the reed, perforated or recessed at the edges of its butt, and grooved from recess to recess, for receiving the staple 55
which holds it to the reed-block, substantially as set forth.

WILLIAM MUNROE.

Witnesses:

MERRITT GALLY,
HENRY E. HILL.