

(Model.)

J. H. DOWLING.

ORGAN REED.

No. 246,098.

Patented Aug. 23, 1881.

Fig. 1.

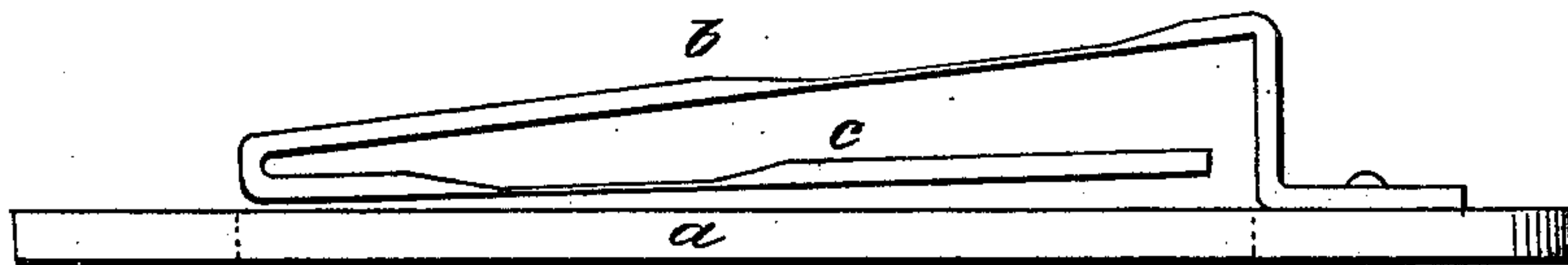
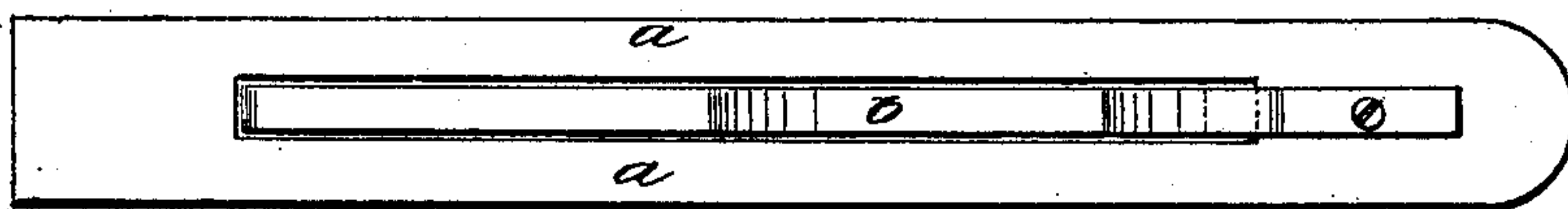


Fig. 2.



WITNESSES:

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JOHN H. DOWLING, OF NEW PHILADELPHIA, ASSIGNOR TO HIMSELF AND
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ORGAN-REED.

SPECIFICATION forming part of Letters Patent No. 246,098, dated August 23, 1881.

Application filed April 4, 1881. (Model.)

To all whom it may concern:

Be it known that I, JOHN H. DOWLING, of New Philadelphia, in the county of Tuscarawas and State of Ohio, have invented a new and useful Improvement in Organ-Reeds, of which the following is a full, clear, and exact description.

My invention consists in a double tongued reed for producing tones in unison or at an interval of an octave or more, of superior quality, and more powerful than the tone of a single reed.

In the accompanying drawings, Figure 1 is a side elevation of the improved reed, and Fig. 2 is a plan view.

Similar letters of reference indicate corresponding parts.

a is the reed-block, having a slot as usual and of usual shape.

b c are the two tongues of the reed, formed of a single strip of metal bent double. The tongue *b* is attached at one end to block *a*, and is raised above the block to give space for vibration of tongue *c* beneath. The tongue is held by the outer end of tongue *b* simply by

the bend, or a rivet may be put through at that point. The tongue *c* may also be a separate piece of metal attached by a rivet.

The two tongues *b c* can be tuned to give tones in unison, or the upper reed may be tuned one or two octaves lower. The combined tone is much more powerful than a single reed, and of superior quality.

A set of these reeds will be equal to two sets of ordinary reeds, so that practically four sets of reeds can be applied where only two have heretofore been possible.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with the ordinary slotted reed-block, *a*, of two vibratory tongues, *b c*, the former raised above the block, fastened at one end to it, and carrying at the other end the subjacent tongue *c*, extending thereunder, as shown and described.

JOHN H. DOWLING.

Witnesses:

WM. G. BAILEY,
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