

T. MEINHOLD.

REED-BOARDS AND PLATES FOR ORGANS.

No. 178,658.

Patented June 13, 1876.

Fig. 1.

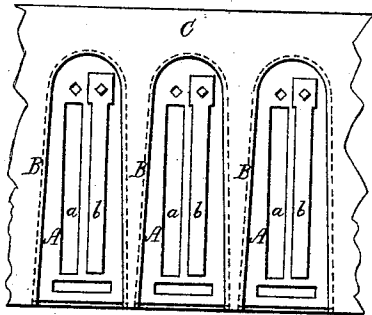


Fig. 2.



Witnesses  
S. W. Piper  
L. M. Miller

Theodore Meinhold  
by his attorney,  
R. H. Eddy

# UNITED STATES PATENT OFFICE.

THEODORE MEINHOLD, OF RUDOLSTADT, GERMANY.

## IMPROVEMENT IN REED BOARDS AND PLATES FOR ORGANS.

Specification forming part of Letters Patent No. **178,658**, dated June 13, 1876; application filed December 1, 1875.

*To all whom it may concern:*

Be it known that I, THEODORE MEINHOLD, of Rudolstadt, of the Province of Thuringia, of the Empire of Germany, have invented a new and useful Improvement in the Reed Plates and Boards of Reed Musical Instruments; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 an end view, of three reed-plates and their board provided with my invention, which consists in a reed-plate and its socket made tapering or wedge-shaped on opposite sides, in order that when the plate is drawn or forced into its socket it may be brought to a close fit or bearing at its longer edges.

In the drawings, the reed-plates are shown at A A A, each being slotted and provided with two reeds, *a b*—that is, one to each slot; but, instead of two reeds, the plate may have but one slot and one reed thereto.

Each plate A, instead of having its longer edges parallel, is made tapering in width, or wedge-shaped from end to end, as shown, its socket B in the support-board C being similarly shaped, and it is also grooved on each edge, as shown at *c c*, to receive the plate.

In case of shrinkage or contraction of the support-board, the reed-plates may be easily set up so as to make tight joints in their sockets.

I claim as my invention as follows, viz:

1. A reed-plate tapering in width, or wedge-shaped from end to end, substantially as shown and described.
2. The reed-board having the sockets for reception of the reed-plates, made tapering from end to end, or wedge-shaped, substantially as described.

THEODORE MEINHOLD.

Witnesses:

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