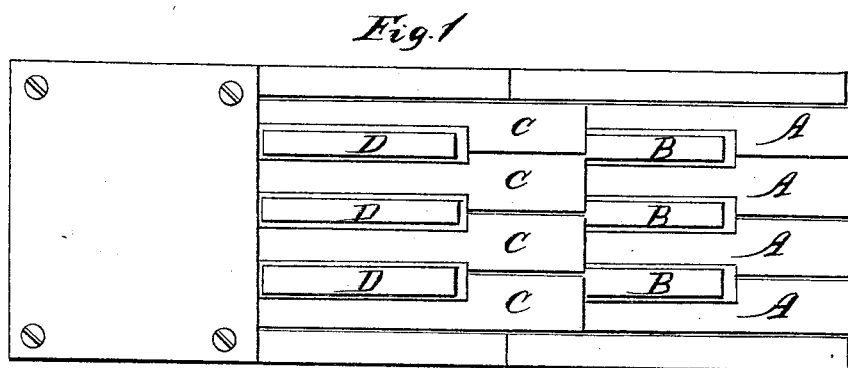
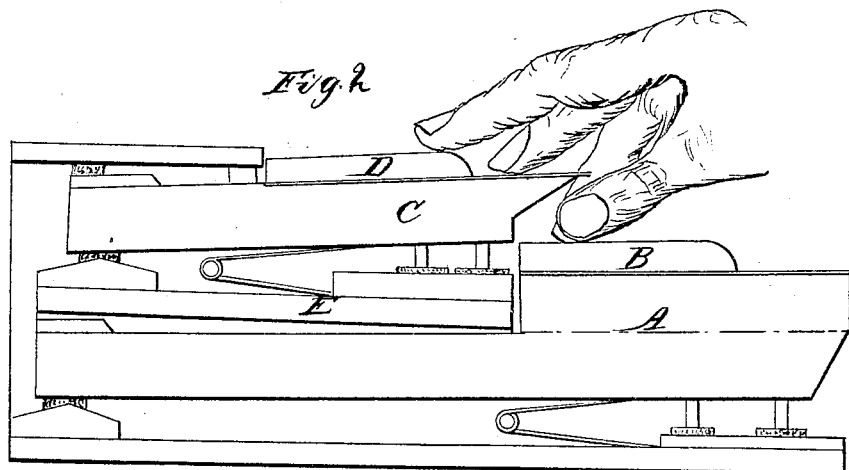


*M. Baumgarten,*

*Pipe Organ,*

*Nº 53,728.*

*Patented Apr. 3, 1866.*



*Witnesses:* *Inventor:*  
*H. A. Heine.* *Muritz Baumgarten.*  
*John H. Shuman.* *John C. Carl.*

# UNITED STATES PATENT OFFICE.

MORITZ BAUMGARTEN, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO HIMSELF, JACOB HELLER, G. C. CLARK, A. S. KEELER, AND MORRIS STEINHART, OF SAME PLACE.

## IMPROVEMENT IN KEY-BOARDS FOR ORGANS, &c.

Specification forming part of Letters Patent No. **53,728**, dated April 3, 1866.

*To all whom it may concern:*

Be it known that I, MORITZ BAUMGARTEN, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Key-Boards for Organs and Similar Instruments; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a top view; Fig. 2, a section.

My invention relates to an improvement in the construction of key-boards for two banks of keys. Heretofore the two banks of keys have been constructed so that it was necessary to remove the hand from one before the keys of the other could be reached, which renders it, many times, difficult to give the music the effect which might be given could the same hand extend to the two banks. To accomplish this is the object of my invention, which consists in constructing the two banks so that the performer is enabled to play upon both banks with a single hand at the same time.

To enable others skilled in the art to con-

struct and use my improvement, I will proceed to describe the same, as illustrated in the accompanying drawings.

A B are the keys of the lower bank; C D, keys of the upper bank, each set of the keys hung so as to be operated in the usual manner. The lower keys, A B, I make thicker by adding, as above, the red line, Fig. 2. Back of the thus increased height of the key I fix a base, E, upon which to place the second bank, C D, and extend the second bank over the first by forming the outer end of the key C as denoted in Fig. 2, which brings the two banks into so close proximity that the performer may easily extend his hands upon both banks at the same time, as denoted in Fig. 2, whereby the object of my invention is fully accomplished.

Having, therefore, thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent, is—

Constructing and combining two banks of keys, substantially in the manner and for the purpose herein set forth.

MORITZ BAUMGARTEN.

Witnesses:

JOHN E. EARLE,  
M. A. HINE.