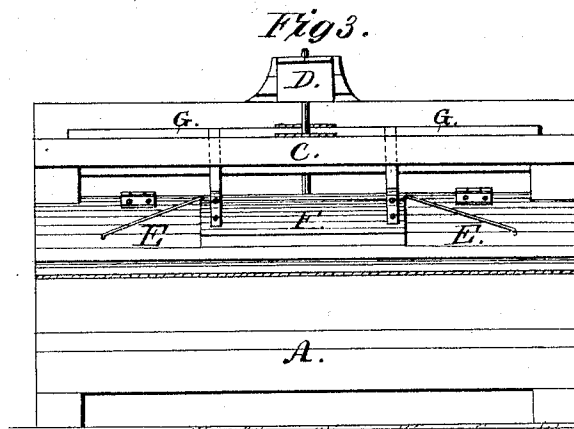
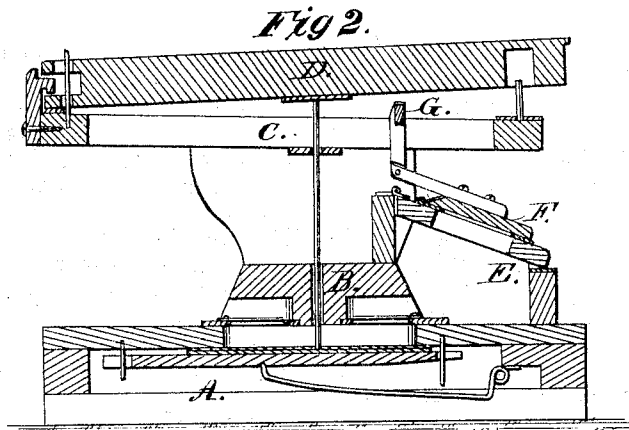
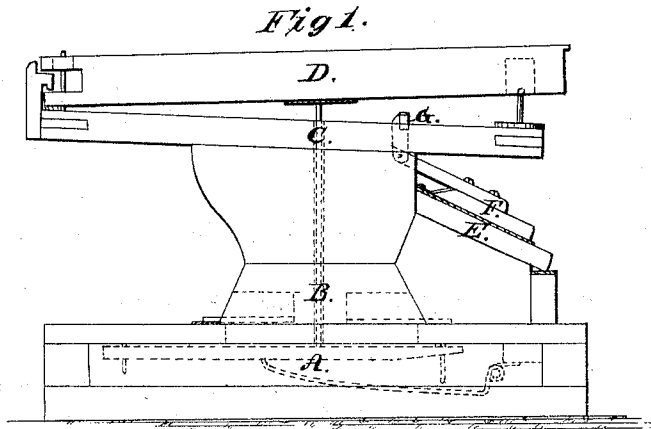


R. BURDETT.
Reed-Organs.

No. 153,150.

Patented July 21, 1874.



Witnesses:

Chas C. Conner
S. M. Metcalf

Inventor:

R. Burdett

UNITED STATES PATENT OFFICE.

RILEY BURDETT, OF ERIE, PENNSYLVANIA.

IMPROVEMENT IN REED-ORGANS.

Specification forming part of Letters Patent No. **153,150**, dated July 21, 1874; application filed April 30, 1874.

To all whom it may concern:

Be it known that I, RILEY BURDETT, of Erie, in the county of Erie and State of Pennsylvania, have invented an Improvement in Reed-Organs, of which the following is a specification:

This device is illustrated in the accompanying drawing, which gives an end view thereof.

The object of my invention is the trilling or shaking of reed-organ tones by means of a certain device attached to the keys, and caused to act directly on each reed-tone by means of the player's fingers.

A is the foundation-board. B is the socket-board. C is the key-frame. D is the key. E is the swell. F is the triller or shake-valve. G is the arm connecting with the key D, with which to operate the triller F.

In ordinary playing, press the key D down to the usual depth. To make a trill, press far enough down so as to slightly raise the triller F; then shake the key D, so as to rapidly open and shut the triller F, thereby trilling the tone. To facilitate this operation, the arm

G is attached to the triller F by means of a joint.

My device may also be used to effect a partial swell, thereby increasing the general resources of the organ, and may operate the swell, to which it is attached, as a triller.

I claim—

1. The triller or shake-valve F, and the arm G pivoted thereto, adapted and combined to operate with the key D, substantially as described.

2. The triller or shake F and arm G, in combination with the key D, substantially as shown.

3. The arm G and triller F, combined substantially as described, for the purpose of trilling a reed-tone.

4. The arm G, in combination with the swell E and triller F, and key D, for the purpose of trilling a reed-tone, all substantially as shown.

R. BURDETT.

Witnesses:

CHAS. C. CONVERSE,
F. W. METCALF.