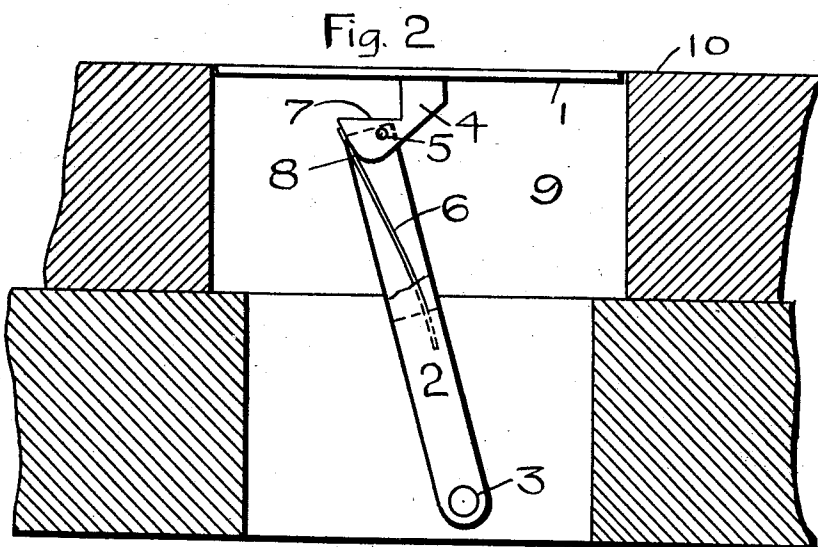
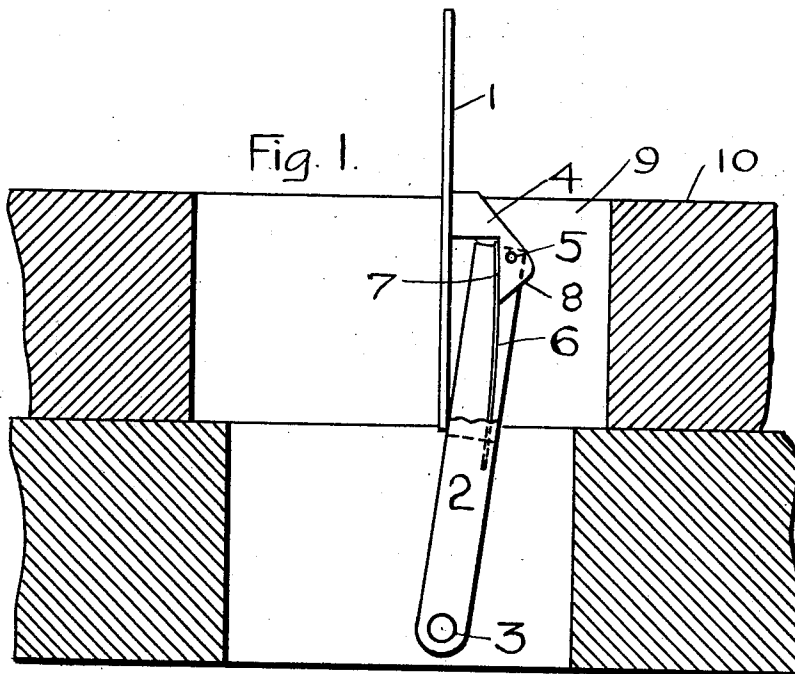


F. P. JONES.
MUSICAL INSTRUMENT CONTROL HANDLE.
APPLICATION FILED JUNE 10, 1912.

1,056,182.

Patented Mar. 18, 1913.



Witnesses:
Charles F. Kopp.
Robt. A. Gally.

Inventor:
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UNITED STATES PATENT OFFICE.

FRANK P. JONES, OF CINCINNATI, OHIO, ASSIGNOR TO THE BALDWIN COMPANY, OF CINCINNATI, OHIO.

MUSICAL-INSTRUMENT-CONTROL HANDLE.

1,056,182.

Specification of Letters Patent.

Patented Mar. 18, 1913.

Application filed June 10, 1912. Serial No. 702,906.

To all whom it may concern:

Be it known that I, FRANK P. JONES, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Musical-Instrument-Control Handles, of which the following is a specification.

Previous devices for the manual control of the tempo and other expression features of player-pianos and the like when contained in the keyslip or in similar fashion, and collapsible into said keyslip or the like when out of operation, have required slide motions or extraneous springs for locking them, or have failed to have any efficient locking means. In the present structure a simple partial revolution to the left sets the handle ready for use and its self-contained spring locks it upright, while a simple partial revolution to the right retracts it out of the way and its spring locks it there.

In the drawings Figure 1 is a front view of the controller handle in operative position, the keyslip and keybed being partly in section to show the handle; Fig. 2 being the same handle when collapsed out of use.

The handle 1 is pivotally mounted on the arm 2 that is fast on the shaft 3, which shaft may be connected to the tempo valve or other control or expression device of a player-piano or the like in any suitable manner.

The pivotal mounting consists of a bracket or lug 4 pivoted to the arm 2 by a pin or rivet 5 on which the handle 1 may be partly revolved.

A spring 6 affixed to arm 2 presses against two cam faces 7 and 8 on the left and bottom of the lug 4. The cam face 7 is pressed by the spring 6 when the handle is in vertical and operative position, and holds it in that position with sufficient power to carry the arm 2 and shaft 3 to control their connections when being operated, without any release of the handle from its vertical posi-

tion, but when the handle 1 is to be collapsed out of operative position into the chamber 9 in keyslip 10, a hard pressure to the right on handle 1 against the keyslip 10 will snap the cam face 7 up from spring 6 and the ensuing pressure of spring 6 against cam face 8 will assist to complete the turning of handle 1 to horizontal position and retain it there while in the top of chamber 9 with the smooth face of the handle 1 flush with the top of the keyslip 10.

I do not broadly claim a handle adapted to be turned into and flush with a chamber in the keyslip, but

What I claim as my invention is:

1. A musical instrument having a vertical oscillating controlling arm, and a manually operable handle tiltably mounted on said arm and adapted to stand both vertically and horizontally, said mounting comprising a lug affixed to said handle intermediate its length, a pivot bearing between said lug and arm, two cam faces to said lug, and a spring affixed to said arm and adapted to bear against one cam face of the lug when the handle is vertical, and against the other cam face of the lug when the handle is horizontal.

2. A musical instrument having a vertical oscillating controlling arm and a manually operable handle tiltably mounted on said arm and adapted to stand both vertically and horizontally, said mounting comprising a lug affixed to said handle intermediate its length, a pivot bearing between said lug and arm, two cam faces to said lug, said cam faces being substantially at right angles one to the other, and a spring affixed to said arm and adapted to bear against one cam face of the lug when the handle is vertical, and against the other cam face of the lug when the handle is horizontal.

FRANK P. JONES.

Witnesses:

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