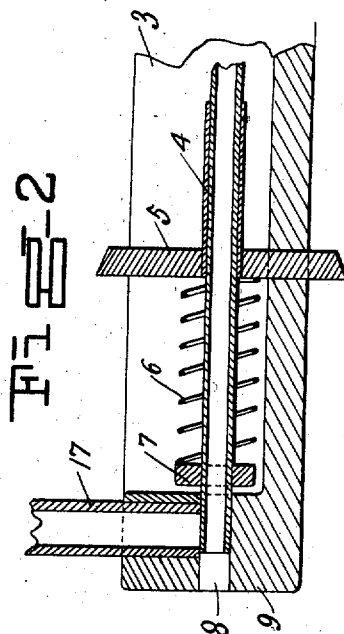


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Ray H. Scott, INVENTOR

BY
Thoyata Hef
ATTORNEY

UNITED STATES PATENT OFFICE.

RAY W. SCOTT, OF NEW YORK, N. Y., ASSIGNOR TO NEW YORK ATTACHABLE PLAYER ACTION CO., A CORPORATION OF NEW YORK.

PIANO-PLAYER ATTACHMENT.

1,018,084.

Specification of Letters Patent.

Patented Feb. 20, 1912.

Application filed October 24, 1910. Serial No. 588,804.

To all whom it may concern:

Be it known that I, RAY W. SCOTT, a citizen of the United States, residing in the borough of Manhattan, in the county of New York and State of New York, have invented certain new and useful Improvements in Piano-Player Attachments, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to improvements in piano player attachments and has particular reference to a sheet adjusting mechanism adapted for use in combination with the tracker board.

In the accompanying drawing I have shown in Figure 1 a front elevation of a tracker board and said mechanism illustrating an application of the invention. Fig. 2 is a broken section illustrating on an enlarged view the left side of the same.

3 is the tracker board having a bar 4 extending longitudinally within the same and carrying suitably mounted thereon as shown, the beveled wheels 5—5^a provided with springs 6—6^a which are retained by the projections 7—7^a secured to the bar 4.

8—8^a are openings in the ends of the tracker board within which the bar 4 is mounted.

10—10^a are the brackets of the shifting mechanism. These brackets are provided with arms 11—11^a carrying the bar 12 which is secured to the movable section 13 of the pneumatic 14—15 from which air is constantly exhausted by the tube 16.

The operation of the device is such that if the sheet of music shifts to the left looking at Fig. 1, it causes the wheel 5 to travel leftward upon the bar 4 against slight spring pressure. In moving leftward the bar 4 opens the passage 17^a allowing the atmosphere to enter through the opening 8^a passing through the tube 18^a to the pneumatic 15 which causes the partition 13 to move leftwardly carrying with it the bar 12 to which it is secured and which is in turn secured to the tracker board 3 through the connections 10 and 11 by shifting the

tracker board to correspond with the sheet 50 and causing the perforations therein to register. Likewise when the sheet shifts to the right it causes the wheel 5^a to slide upon the bar 4 causing the spring 6^a to bear against the projection 7^a sufficiently to move the bar 4 rightwardly thereby establishing communication from the atmosphere through the passage 8 into the tube 18. This allows air to enter the chamber 14 causing the partition 13 to travel rightwardly thereby causing the bar 12 to travel in the same direction and through the arm 11^a and bracket 10^a to draw the tracker board 3 rightwardly until the perforations in the sheet register with the openings in the tracker board.

Of course it will be understood that various modifications may be made without departing from the spirit of the invention as set forth in the claims.

I claim:

1. In combination with sheet adjusting mechanism and a tracker board, slidable members provided with rotatable stops adapted to bear against the opposite edges of the sheet, said slidable members being adapted to control the flow of air through a pneumatic, and means in combination with the same whereby said tracker is moved correspondingly as said sheet moves out of its normal course.

2. In combination with sheet adjusting mechanism and a tracker board, slidable members provided with rotatable stops adapted to bear against the opposite edges of the sheet, said slidable members being adapted to control the flow of air through a pneumatic, and means in combination with the same whereby said tracker is moved correspondingly as said sheet moves out of its normal course, said means comprising connection between the movable part of said pneumatic and said tracker board, and means for admitting air to said pneumatic when either of said rotatable stops of said slidable members are moved by either edge of said sheet.

3. In combination with sheet adjusting mechanism and a tracker board, a sheet, and

slide mechanism adapted to be moved there-
by, said slide mechanism having a resil-
iently retained spindle adapted to control the
flow of air through the pneumatic of said
5 sheet adjusting mechanism whereby said
tracker board is moved as said sheet moves
out of its normal course.

In testimony whereof I affix my signature
in presence of two witnesses.

RAY W. SCOTT.

Witnesses:

LOUISE ENDERLE,
THOMAS A. HILL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."