

(No Model.)

W. H. JEU DEVINE.
MUSIC ALBUM AND LEAF TURNER.

No. 420,229.

Patented Jan. 28, 1890.

Fig. 1.

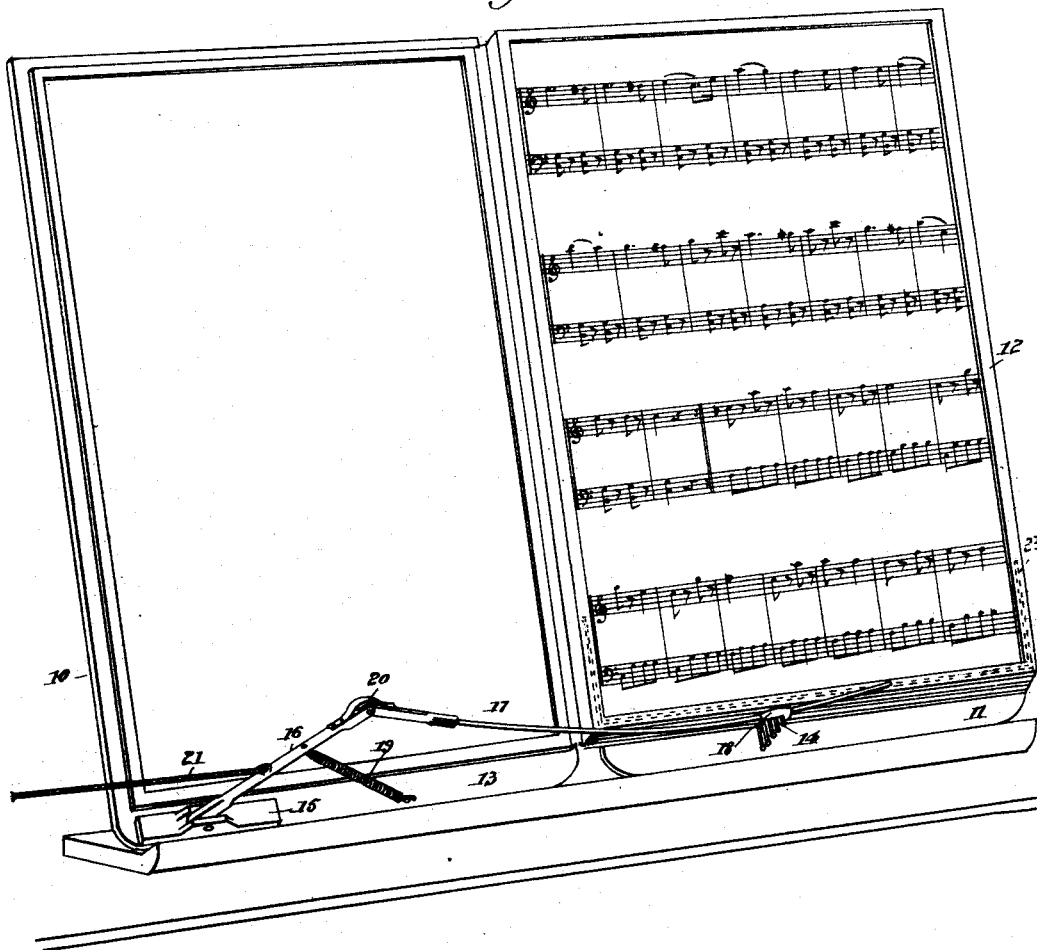
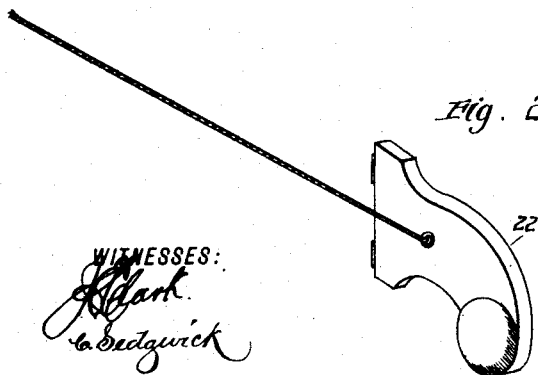


Fig. 2.



WITNESSES:

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WARREN H. JEU DEVINE, OF FRIEND, NEBRASKA.

MUSIC-ALBUM AND LEAF-TURNER.

SPECIFICATION forming part of Letters Patent No. 420,229, dated January 28, 1890.

Application filed August 22, 1889. Serial No. 321,585. (No model.)

To all whom it may concern:

Be it known that I, WARREN H. JEU DEVINE, of Friend, in the county of Saline and State of Nebraska, have invented a new and useful Improvement in Music-Albums and Attachments for Turning the Leaves of the Same, of which the following is a full, clear, and exact description.

My invention relates to an improvement in music-albums and devices for turning the leaves of the same, and has for its object to provide an album in which sheet-music may be introduced, and also to provide a means whereby the several sheets of music may be turned by the performer at will by simply pressing against the knee-swell of the piano or organ, thus obviating the necessity of removing the hand or hands from the keyboard.

A further object of the invention is to provide a device of the character above described of simple, durable, and economic construction, which may be used in connection with any organ or piano.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in both the views.

Figure 1 is a perspective view of the device represented in position upon a music-rack, and Fig. 2 is a perspective view of a knee-swell adapted for attachment to the instrument in connection with which the device is employed.

The album comprises two back boards 10 and 11, united in the usual manner, and within the back boards or covers a series of skeleton frames 12 are hinged, constituting the leaves of the album, into which frames the several sheets of music may be readily inserted.

The skeleton frames constituting the leaves may be constructed in any suitable or approved manner for the reception of the music-sheets—as, for instance, the front vertical member of the frame may be slotted longitudinally at its outer edge and the horizontal members and the rear vertical member

grooved upon their inner edges, whereby a sheet may be introduced through the slot in the vertical member and made to enter the grooves in the rear vertical member and the horizontal members, whereupon the sheet will fit in the frame, as illustrated in Fig. 1.

The frames or leaves 12 are of less length than the back boards or covers 10 and 11, being placed the usual distance from the upper edge of said covers, whereby a space 13 is made to intervene their lower edge and the contiguous surface of the leaves or frames sufficient to accommodate an attachment for turning the leaves or frames, which will be hereinafter described. From the lower edge of each leaf or frame 12, preferably at or near the center, a pin 14 is projected, provided with a suitable head, and upon one cover, preferably the left-hand cover at the lower left-hand corner, a bracket-plate 15 is rigidly secured, in which bracket-plate one end of a lever 16 is fulcrumed, the other end of the lever being pivotally connected to a curved arm 17, which arm, near its outer end, is provided with an attached latch 18, adapted for contact with the several pins 14 of the leaves or frames. The lever is normally held to incline in the direction of the center of the album by means of a coil or spiral spring 19, attached thereto at or near the center upon the under side, and also to the left-hand back board or cover 10 near the lower edge, and the arm 17 is held in position to grasp the pins 14 by means of a preferably-flat spring 20, secured at one end upon the upper face of the lever 16 near its pivotal connection with the arm 17 and having a bearing at the other or free end upon the said arm, as illustrated in Fig. 1. The spring 19 normally retains the lever 16 in such position that the latch 18 will be over the pins, and the spring 20 normally causes the said latch to contact with said pins. Between the center and the lower end of the lever 16 upon the upper face one end of a cord 21 is fastened, which cord is led downward over any suitable guide-pulleys, if so desired, to a connection with the knee-lever of the organ or piano.

It will be observed in operation that when the knee-lever 22 is manipulated to draw upon the cord 21 the lever 17 is drawn laterally to

the left, carrying with it the latch 18, which is in engagement with the pin 14 of the first leaf, for instance, in the album. As the lever 16 is carried outward the arm 17 folds the leaf over upon the left-hand cover, and when the knee-lever is released the spring 19, acting, draws the lever back to its normal position, and the latch 18 upon the arm pivoted to the lever contacts with the upper pin upon the right-hand leaf. In this manner each leaf of the album may be turned from right to left, as required, without the necessity of the operator removing the hands from the key-board.

I desire it to be distinctly understood that while I have described the attachment as especially applicable to a piano or to an organ it may be used with slight modifications in the way of a treadle for operating the lever 16 in connection with music-stands of any description. One cover-board of the album, preferably the left-hand cover-board, may be, if desired, and preferably is, firmly attached to the music-rest of the instrument or stand by any approved form of clamp.

If in practice it is found desirable, a rod of metal may be inserted in the bottom portion of each leaf, as shown at 23 in dotted lines, in which event the pins 14 are attached to or constitute an integral portion of the rods.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a music-album and pins projected outward from the lower edges of its leaves, of a lever fulcrumed at one end upon one cover of the album, a curved arm pivoted to the opposite end of the lever, provided with a latch capable of contact with the said pins, a spring attached to the lever and the album-cover, and a spring

secured to the upper end of the lever and bearing against the upper surface of the latch-carrying arm, all combined for operation substantially as shown and described.

2. The combination, with a music-album and pins attached to the lower edges of its leaves, of a lever pivoted at one end upon one back or cover of the album, an arm pivotally attached to the other end of the lever and curved downward and upward over the pins, a latch secured to the said arm capable of contact with the said pins, a spring secured to the album back or cover and to the under side of the lever, a second spring attached to the upper side of the lever at the upper end and bearing upon the curved latch-carrying arm, a knee-lever or equivalent device, and a cord-connection between the said swell and the said lever, substantially as and for the purpose specified.

3. The combination, with an album provided with a series of skeleton frames constituting leaves and adapted for the reception of music-sheets, and a pin secured to the lower edge of each of said leaves or frames, of a lever pivoted upon the inner face of one back or cover of the album below the leaves, a spring-actuated curved arm pivoted to the upper end of the lever and extending across the pins, a latch attached to said arm capable of contact with the pins, a spring secured to the album-back and to the said lever, and means, substantially as shown and described, for drawing the lever outward against the tension of the said spring, as and for the purposes specified.

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Witnesses:

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