

L. P. HOLT.  
MUSIC LEAF TURNER.  
APPLICATION FILED JAN. 16, 1905.

FIG. 1.

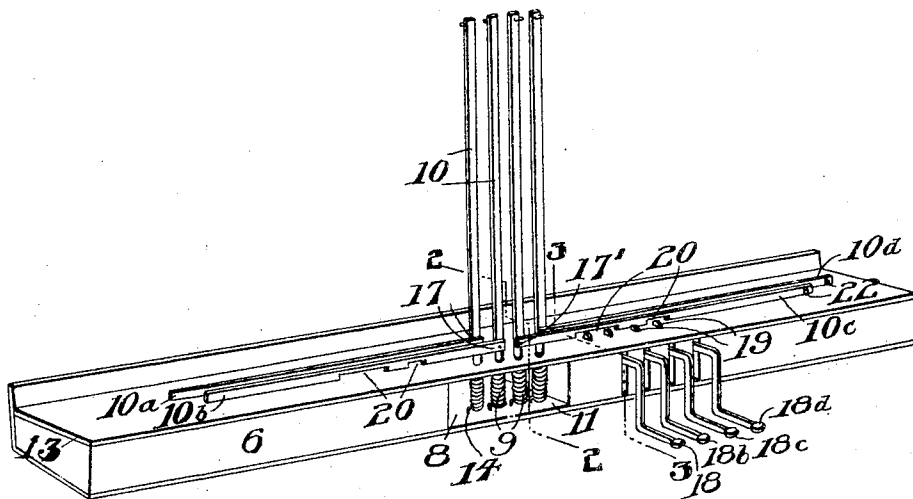


FIG. 2.

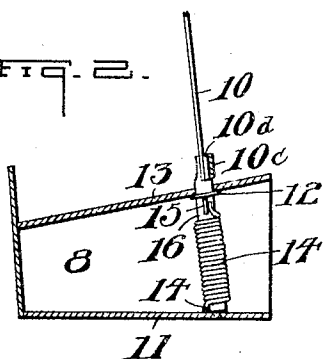


FIG. 3.

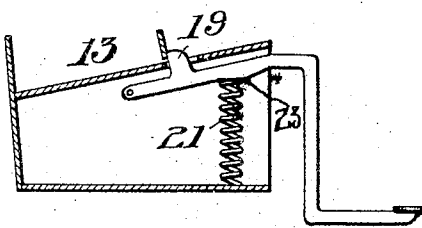


FIG. 4.

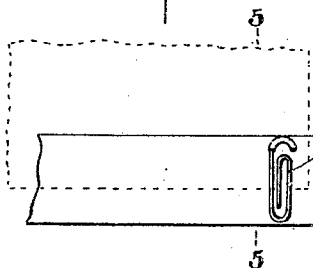
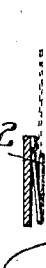


FIG. 5.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

LUTHER P. HOLT, OF ALLEGHENY, PENNSYLVANIA.

## MUSIC-LEAF TURNER.

No. 801,525.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed January 16, 1905. Serial No. 241,182.

*To all whom it may concern:*

Be it known that I, LUTHER P. HOLT, a citizen of the United States of America, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Music-Leaf Turners, of which the following is a specification.

My invention consists in a new and improved music-leaf turner, the object of which is to turn sheet-music on pianos, music-stands, or the like and does not necessitate a second person to operate the same, as it only requires an instant for the performer to press on the key desired, and the sheet is instantly turned.

I accomplish the above by a series of spring-actuated arms or turners hereinafter described, shown in the accompanying drawings, and specifically pointed out in the claim.

Referring to the accompanying drawings, in which the same numerals of reference indicate corresponding parts in the several views, Figure 1 is a perspective view of my improved music-leaf turner. Fig. 2 is a cross-section taken on the line 2 2 of Fig. 1. Fig. 3 is a cross-section taken on the line 3 3 of Fig. 1. Fig. 4 shows a portion of one of the arms with a spring-clasp to hold the sheets. Fig. 5 is a cross-section on the line 5 5 of Fig. 4.

Referring to the several parts by their designating-numerals, 6 indicates an elongated base or stand on which is mounted the several sheet-turning arms and the mechanism for operating the same. It is made of any suitable material, but preferably of wood and the wearing-surfaces faced with metal. The top plate 13 of the stand is arranged on a rearwardly-extending incline. In the center of the stand is a cut-out portion 8 to allow for the free movement of the tension-springs 9, and also a bearing for the upright rods 10, these rods having a bearing in the base-plate 11, to retain the same in place, employ a washer 12, that works against the inner surface of plate 13. The rods 10 are arranged on a slant to facilitate the retaining of a music-sheet or the like in position. Surrounding these rods are coil-springs 9, one end of which is secured to the base-plate 11, as at 14, and the other end bears against a lug 15 on shaft 16, to which the perpendicular rods 10 and horizontal rods

17 are secured by rivets or other fastening means 17'

I have shown in Fig. 1 two of the leaf-turners having been released, 10<sup>a</sup> by key 18 and 10<sup>b</sup> by 18<sup>b</sup>. 10<sup>c</sup> is being held by lug 19 and is the next one to be released on pressing key 18<sup>c</sup>, and 10<sup>d</sup> is likewise released by key 18<sup>d</sup>. On the act of pressing the keys and releasing of lug 19 the spring 9, being under tension, will throw the horizontal arms around, as shown, by arms 10<sup>a</sup> and 10<sup>b</sup>, and thereby turn the sheet of music. Each of the keys is provided with a seat 23 on its under side, against which an end of the spring 9 bears. This seat holds the spring against displacement. The under edges of horizontal rods are cut out, as at 20, so as to pass over the desired lugs 19 when operated.

The finger-keys have a coil-spring 21, which normally hold the keys in position, and on pressing the same the lug 19 is drawn away from the horizontal rods. The springs 9 will then turn the arms half a revolution, as illustrated by 10<sup>a</sup> and 10<sup>b</sup>.

Secured to the ends of the perpendicular and horizontal rods are spring-clips 22. The sheet of music is slipped between the coils, as illustrated in dotted lines of Figs. 4 and 5, and serve to support the sheet and also keep it flat.

Having fully described my invention, what I claim, and wish to secure by Letters Patent, is—

In combination, a stand having apertures in its top, uprights on the stand, means for rotating the uprights, arms carried by the uprights, levers pivoted within the stand beneath the arms, projections on the levers passing through the apertures in the top of the stand and adapted to engage the arms, seats on the levers, and springs interposed between the base of the stand and the seats of the levers to keep the projections thereon normally through the apertures of the stand.

In testimony whereof I affix my signature, in the presence of two witnesses, this 14th day of January, 1905.

LUTHER P. HOLT.

Witnesses:

JOHN NOLAND,  
J. P. APPLEMAN.