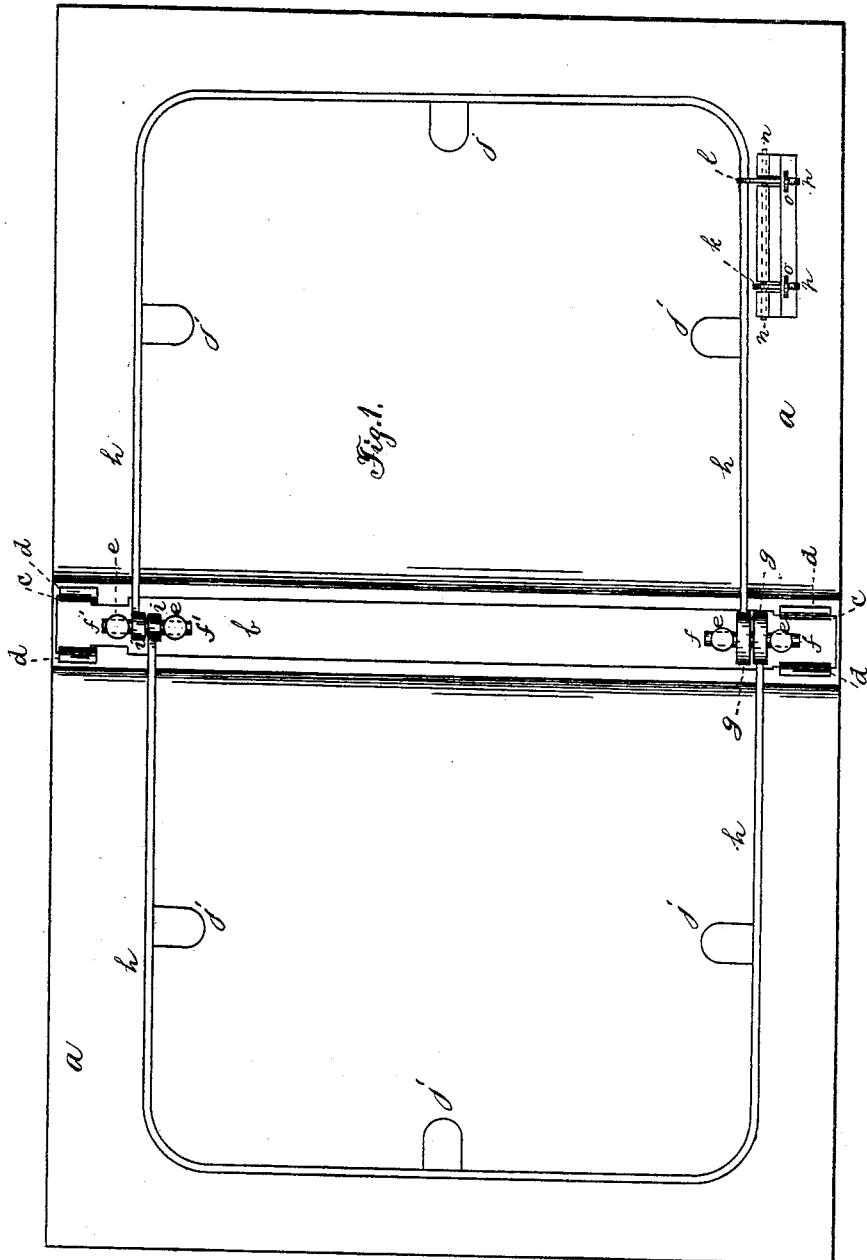


**E. B. ROBINSON.**  
**MUSIC LEAF TURNER.**

No. 180,499.

Patented Aug. 1, 1876.



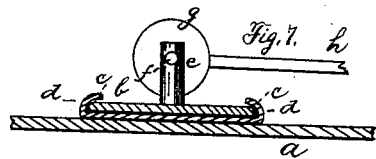
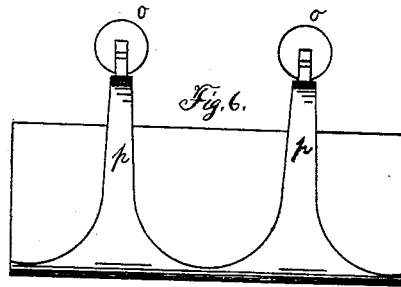
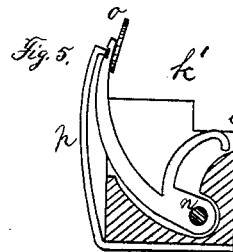
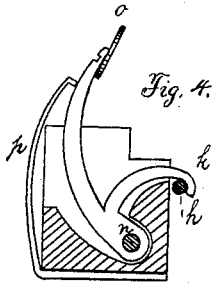
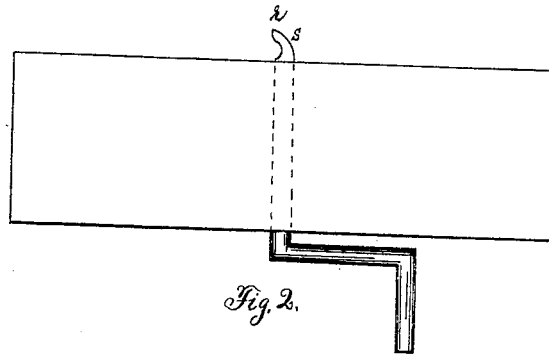
*Witnesses:*  
*Frank H. Jordan,*  
*Wm. Motley*

*Inventor:*  
*Edward B. Robinson*  
*Per William Henry Clifford*  
*Att'y.*

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# UNITED STATES PATENT OFFICE.

EDWARD B. ROBINSON, OF DEERING, MAINE.

## IMPROVEMENT IN MUSIC-LEAF TURNERS.

Specification forming part of Letters Patent No. **180,499**, dated August 1, 1876; application filed April 1, 1876.

*To all whom it may concern:*

Be it known that I, EDWARD B. ROBINSON, of Deering, in the county of Cumberland and State of Maine, have invented certain new and useful Improvements in Music-Leaf Turners; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a top-plan view of my invention. Fig. 2 is a modification of the catches for holding the frames. Figs. 4 and 5 are views in different positions of the catches for holding the frames. Fig. 6 is a back view of the same, and Fig. 7 is a detail view.

Same letters show like parts.

The object of this invention is to produce a music-sheet holder, which will hold the leaves of sheet-music properly spread out, which will insure the turning of only one leaf at a time, and which holds the leaf securely in position before it is desired to turn it, and dispenses with the necessity of turning the said leaf by hand. In this latter particular my present invention is distinct from that patented to me July 26, 1870, No. 105,726.

I will now describe my invention.

*a* is a cover. *b* is a plate of proper length, with inclined edges *c* sliding into the holders *d*, which are riveted at or near the back to the cover *a*. *e* are short standards rising from the plate *b*, and having the shafts *f f'*. On the shafts *f* are placed the disks *g*. Within these are coiled springs, one end of which is fastened to the interior of the disk, the other to the shaft *f*. The tendency of these springs is to revolve the disks *g* to the left. Attached to these disks are the wire frames *h* of proper size, and having their other ends attached to the sleeves *i* on the shaft *f'*. The wire frames are to hold the different sheets, and for that purpose are provided with snaps or catches *j*. *k l* are holders or catches designed to hold the wire frames *h*, when turned back, against the operation of the coiled springs within the disks *g*. These catches have the pivot *n* set in a block or frame se-

cured in proper position on the inside of the cover *a*.

When the wire frames are turned back, each one is held in that position by the catch or holder adapted to hold it. The catches have finger-pieces *o*, which are kept pressed forward by the springs *p*. This pressure holds the wire frames until they are each released by drawing back the catches which hold them. When the catch holding down a particular wire frame is drawn back, as shown at *k'*, the coiled spring within the disk, to which that particular wire frame is attached, will turn forward to the left, and thus display another side of the music-sheet.

Thus it will be seen that the leaves of the sheet of music turn when the finger-pieces *o* are drawn back by the finger.

The advantage of the invention is that the performer at a piano, for instance, is able to turn his or her own music. This is done without the necessity of turning the wire frames by the finger, as in my former invention referred to, but is effected by simply touching the finger-pieces *o* with the finger. Instead of the finger-pieces *o* and the spring *p*, the device shown in Fig. 2 may be substituted. This consists of a crank attached to a shaft running through a block or frame fastened to the inside of the cover *a*. The end of the shaft has a slight hook, *r*. When the wire frames are turned back the shaft is turned by the crank so as to turn the hook *r* downwardly, when it will pass over one of the wires of the frames. This will hold the wire. When the wire is to be released the hook is turned up to one side, and the wire frame will then slide up the inclined surface *s* of the hook *r*, and thus turn over to the left as moved by the coiled spring within the disk *g*. As in the case of the catches *k l*, there must be as many hooks as there are wire frames. The hooks and the catches are both arranged one above another, so as to be able to catch the different wire frames. The plate *b* is removable, as indicated, and the blocks or frames holding the catches, or the hooks *r*, may be arranged in the same way.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The wire frames *h*, having the disks *g* and

the coiled springs, in combination with the shafts *f f'* and holders *k l*, having the finger-pieces and springs, as herein set forth.

2. The removable plate *b*, the standards *e*, shafts *f f'*, the disks *g*, wire frames *h*, sleeves *i*, in combination with the holders *k l*, or *r*, as herein described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

EDWARD B. ROBINSON.

Witnesses:

FRANK H. JORDAN,  
CHARLES E. CLIFFORD.