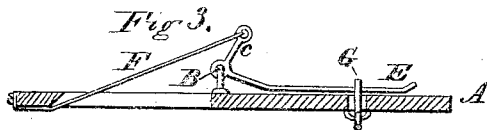
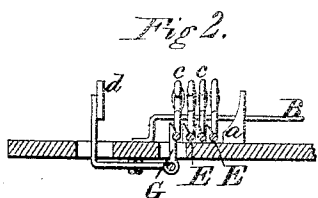
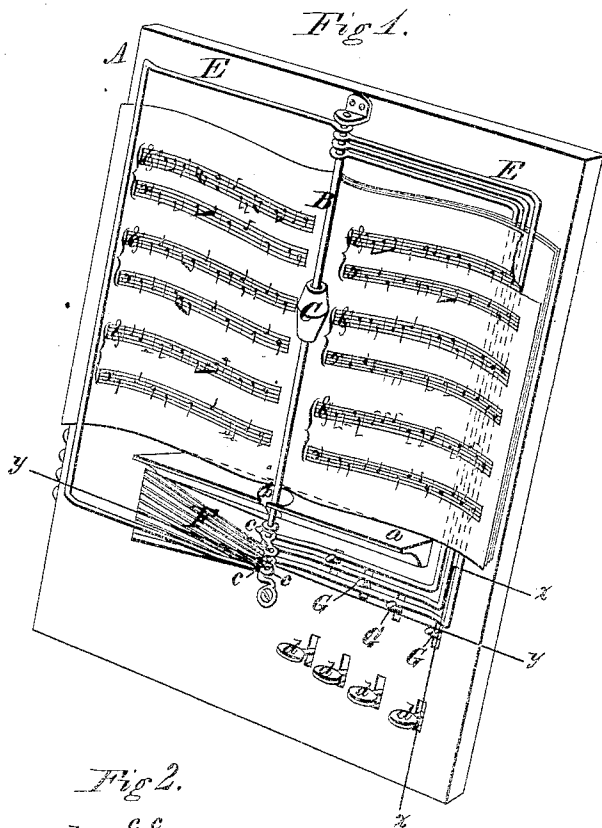


S. NICKELSON.

Improvement in Music-Leaf Turners.

No. 130,588.

Patented Aug. 20, 1872.



Witnesses.

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UNITED STATES PATENT OFFICE.

SAMUEL NICKELSON, OF GALLATIN, TENNESSEE.

IMPROVEMENT IN MUSIC-LEAF TURNERS.

Specification forming part of Letters Patent No. 130,588, dated August 20, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, SAMUEL NICKELSON, of Gallatin, in the county of Sumner and State of Tennessee, have invented certain improvements in Devices for Turning Sheets or Leaves of Music, of which the following is a specification, reference being had to the accompanying drawing.

My invention consists in a device of novel construction for holding sheet or bound music, and turning the leaves or sheets of the same over as required by the performer.

Fig. 1 is a perspective view of my device in use; Fig 2, a cross-section of the same on the line *x x*; and Fig. 3, a section on the line *y y*.

In constructing my device I first provide a flat board or frame, A, of suitable size, and to its face secure a vertical rod, B, extending down the middle, as shown. Between the rod and the board I leave sufficient room to permit the insertion of the sheets of music, and across the lower end of the board I secure a cleat or strip, *a*, for the sheets to stand upon, as shown. In order to hold the sheets in position, I provide the rod B with a movable sleeve or button, C, which may be pushed up so as to bear in the middle of the sheets, as shown. The elasticity of the rod serves to keep the sleeve pressed down upon the sheets, and permits the insertion of any desired number or thickness of sheets. Through the cleat *a* I make a hole, *b*, into which the sleeve or button C may be pushed, so as to be out of the way when the sheets of music are to be inserted or withdrawn. On the rod B I mount any desired number of rectangular wire frames E, so that they may be turned over to the right or left. Each frame I provide with a small arm, *c*, and to said arms connect springs F, which pass backward through the board, as shown, so that they tend to draw the frames over to the left. In the right-hand side of the board I mount a series of pivoted catches, G, to hold the frames over on the right-hand side. The catches I provide with finger pieces *d*, by depressing which the catches are operated, so as to release the respective frames and permit them to swing over to the left. The frames I arrange so that they shut down closely with-

in each other, and the catches so that their ends fit through between the frames, as shown in Figs 1 and 2. When thus arranged it will be seen the frames can only be released one at a time and in regular order, commencing with the outer one, for the reason that each frame engages behind the catch of the frame next inside, so as to prevent it from being released. This arrangement effectually prevents the leaves from being turned over except in their proper order.

In using the device the sleeve or button C is pushed down out of the way, the music inserted under the rod B, and then the sleeve pushed up so as to bear on its face and hold it in position. The inside frame E is then turned down on the right, so as to be held by its catch and a sheet of music turned down upon it, and then the next frame and another sheet turned down, and so on alternately with the frames and sheets. The sheets are then turned, as required, by simply depressing the finger-pieces in their proper order, so as to release the successive frames and allow them to turn over to the left and carry the sheets with them.

It is obvious that any desired number of frames may be used, and that they may be made of any other form; and, also, that the springs may be connected in a different manner; and that different devices may be used to hold the sheets down in place.

Having thus described my invention, what I claim, is—

1. The device for turning music-leaves, consisting of the board or frame A, swinging frames E, springs F, and catches G, the catches arranged to be locked by the frames in the manner shown and described, so that the frames can only be released in their proper order, and one at a time, as set forth.

2. In combination with the swinging frames E, I claim the rod and sleeve, arranged as described, for the purpose of holding the leaves in place.

SAMUEL NICKELSON.

Witnesses:

S. HEERMANS,
J. F. WHITE.