

C. J. RINDERKNECHT.

Music-Leaf Turners.

No. 151,159.

Patented May 19, 1874.

Fig. 1.

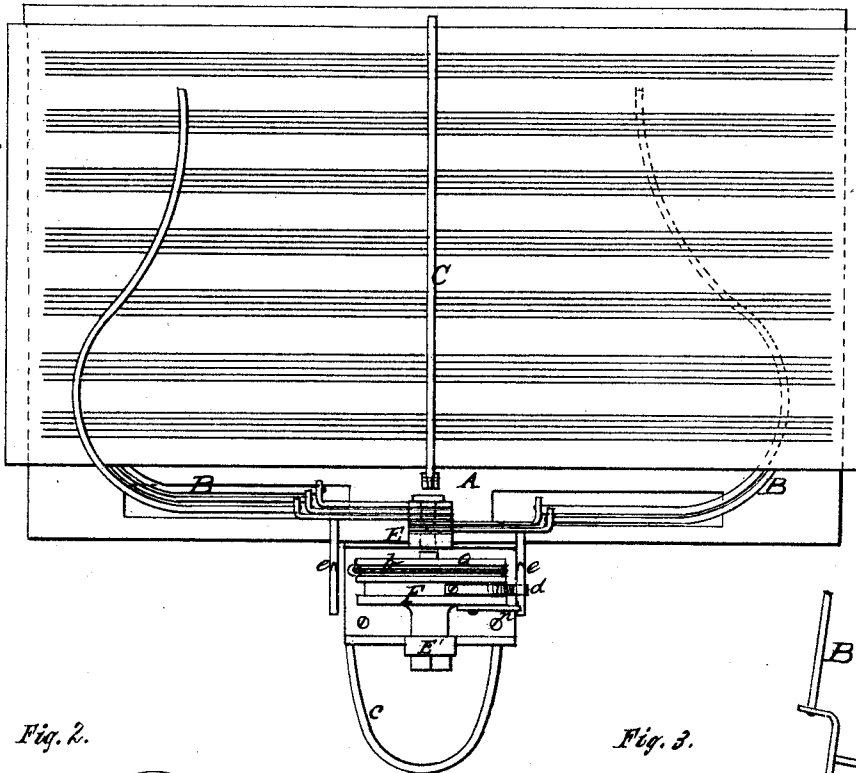


Fig. 2.

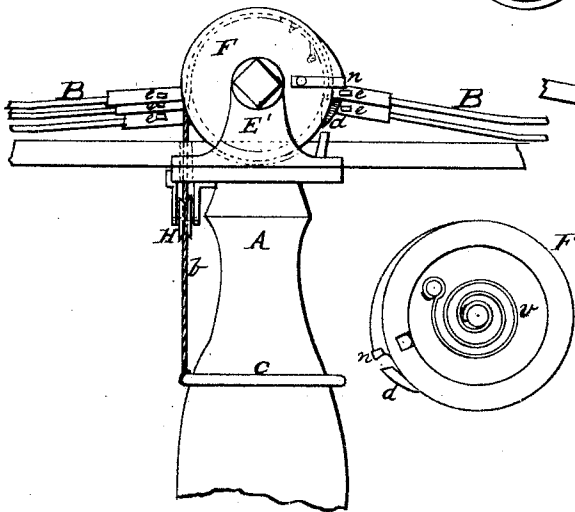
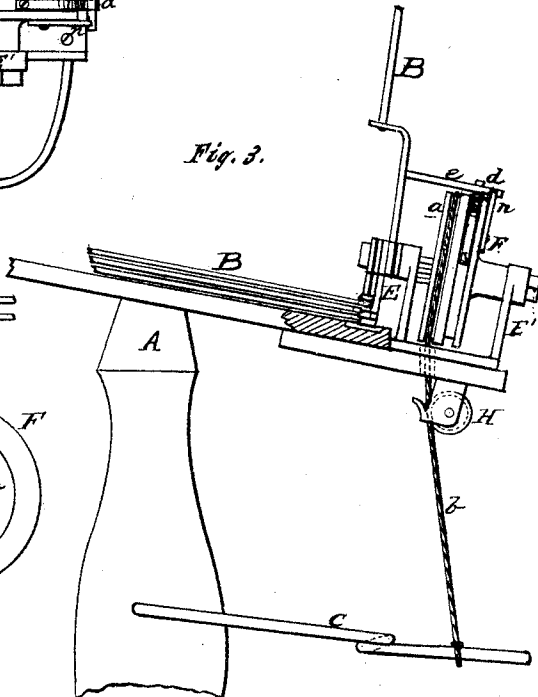


Fig. 3.



WITNESSES:

George C. Upham,  
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INVENTOR,

Charles J. Rinderknecht  
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# UNITED STATES PATENT OFFICE.

CHARLES J. RINDERKNECHT, OF INDIANAPOLIS, INDIANA.

## IMPROVEMENT IN MUSIC-LEAF TURNERS.

Specification forming part of Letters Patent No. 151,159, dated May 19, 1874; application filed February 28, 1874.

*To all whom it may concern:*

Be it known that I, CHARLES J. RINDERKNECHT, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and valuable Improvement in Devices for Turning Sheet-Music; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my device. Figs. 2 and 3 are detail views of the same.

This invention has relation to means for turning the leaves of sheet-music; and it consists in the construction and novel arrangement of a rotating spring-catch and a series of fingers, in combination with an operating-treadle, rope, and guide, as will be hereinafter more fully described.

The object of the invention is to secure rapidity and certainty of action, thereby avoiding awkward pauses in the execution, which are apt to confuse the performer and lessen the interest of the audience.

In the accompanying drawings, the letter A designates the music-stand, which may be a part of the frame of a piano or other musical instrument, to which the stand is usually connected. B represents the fingers, which are placed under the leaves and operated to turn the same, an axis-rod, C, being provided for the middle line of the sheets composing the piece of music. These fingers are pivoted to a standard, E, secured to the frame A below and in line with axis-rod C. F represents

a disk, pivoted to a standard, E', of about the same length as the standard E, to which the fingers are pivoted, but located a little to one side, so as not to be exactly in line, its pivot being eccentric or a little to the right of a prolongation of the pivot of the standard E. The disk is provided with a pulley, a, over which passes the operating-rope b to a treadle or handle, c. By means of this rope the disk is turned from right to left, the return movement being effected by a spring-connection, v, between the disk and its pivot or some rigid part of the stand. To the perimeter of the disk is attached a spring catch or pawl, d, which engages with the arms e of the fingers, and turns the same upon their pivot when the disk is rotated. An upper catch or stop, u, is also provided, which serves to prevent the spring-catch d from passing one of the arms e, thereby engaging with the second or third and turning more than one leaf at a time. Guide-pulleys H may be employed to carry the operating-rope wherever it may be most convenient to place the treadle or handle.

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

The eccentric rotating spring-catch disk F, provided with a pulley, a, and the leaf-turning fingers B, pivoted to standard E, in combination with rope b, guide H, and treadle c, substantially as and for the purpose described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES JOSEPH RINDERKNECHT.

Witnesses:

CHAS. GROBE,  
WILLIAM DOERRE.