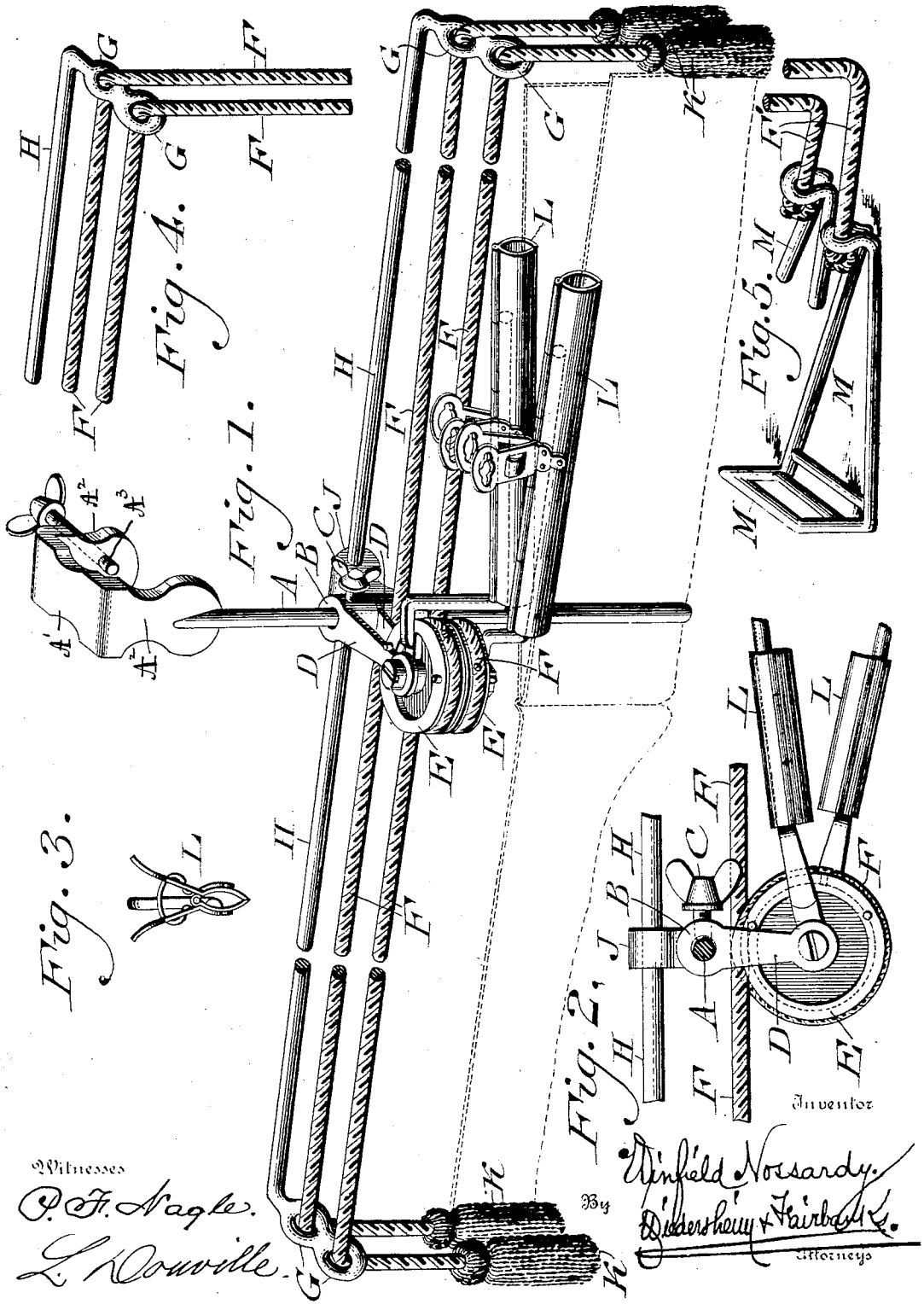
No. 763,201. PATENTED JUNE 21, 1904.

W. NOSSARDY.

MUSIC LEAF TURNER.

APPLICATION FILED FEB. 16, 1904.

NO MODEL.



Witnesses
P. F. Nagle.
L. Louville.

Inventor
Winfield Nossardy.
By Dickerson, Brown & Fairbanks
Attorneys

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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UNITED STATES PATENT OFFICE.

WINFIELD NOSSARDY, OF CAMDEN, NEW JERSEY.

MUSIC-LEAF TURNER.

SPECIFICATION forming part of Letters Patent No. 763,201, dated June 21, 1904.

Application filed February 16, 1904. Serial No. 193,812. (No model.)

To all whom it may concern:

Be it known that I, WINFIELD NOSSARDY, a citizen of the United States, residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Music-Leaf Turners, of which the following is a specification.

My invention consists of a music-leaf turner composed of a pulley, a cord wound around the same, a guide for the end portion of said cord, and a member carried by said pulley and depending therefrom and adapted to clamp or engage the music sheet or leaf, whereby the pulley may be conveniently rotated and the aforesaid member follow the same, thus turning the sheet or leaf from the top thereof, means being provided for returning the leaf to its primary position, the device being also adapted to be operated by hand or foot, all as will be hereinafter set forth, the novel feature being pointed out in the claims.

Figure 1 represents a perspective view of a music-leaf turner embodying my invention. Fig. 2 represents a partial plan view and partial horizontal section thereof. Fig. 3 represents an end view of the leaf-engaging device. Fig. 4 represents a perspective view of a portion of the invention where the turner is adapted to be operated by foot. Fig. 5 represents a perspective view of a foot-engaging device for the part shown in Fig. 4.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a vertically-arranged rod or stem, which may be secured by a clamp or other means to a proper part of a piano or other musical instrument above a piece of music to be played. On said stem is the vertically-movable boss or head B, which may be held at a desired or adjusted height by the screw C, which passes through said boss and tightens against said stem. Projecting outwardly from said boss are bearings D D for the horizontally-arranged pulleys or sheaves E E, which are independent of each other and have wound around them the cords F, the end portions of which are passed through eyes G, which are supported on the rod or bar H, the latter being fitted in the ear J, which is secured to or formed with the boss B. The portions of the cords F depending from the eyes G have tassels K as handles connected with them, whereby each cord may be drawn and guided as it is drawn and rotary motion imparted to the respective pulley E. Connected with each pulley is a clip L, which may engage with the tops of the sheets or leaves of music to be turned.

It will be noticed that in the present case the device is adapted to turn two sheets or leaves of music, there being, as evident, two pulleys and appurtenances; but for only a single sheet or leaf only one pulley is required to be operated.

The clamp employed for affixing the device to a piano or other musical instrument consists of the horizontally-extending top plate A′, the side arms A^2, depending therefrom, and the thumb-screw A^3, which latter is passed horizontally through one of said side arms, it being noticed that said arms are adapted to embrace the opposite sides of the front board of the casing of the instrument, the screw A^3, concealed within said casing and tightening against the back of said board. Furthermore, the top plate A′, being flat and without obstructions therein, does not present any extensive obstacle to the closing of the lid of the instrument.

It will now be seen that when the sheets or leaves are engaged by the clips L and it is desired to turn the first sheet or leaf the proper tassel—say, on the right-hand side—is grasped and drawn down or out when the connected cord follows the same, whereby the relative pulley moves the clip from right to left and with it the attached leaf. The second sheet or leaf may be similarly manipulated, both clips then being on the left. Should it be desired to repeat the music or return the sheets or leaves to their normal positions, the tassels on the left-hand side are successively grasped and pulled, whereby the pulleys are rotated in reverse direction, and thus the clips move from the left to the right, carrying the sheets or leaves with them.

In order to operate the cords by the feet,

I employ foot-pieces, to which the cords are attached, a form of such pieces being shown at M, Fig. 5. In this case said cords continue from the eyes G to the pieces M, the latter resting on the floor of the apartment containing the musical instrument, it being evident that when either piece M is moved the attached cord is drawn or pulled, and thus the respective pulley is rotated the same as by the hand operation previously described.

It is evident that, if desired, one of the cords may have a tassel connected with it and the other cord extended to the piece M, whereby one sheet or leaf may be turned by hand and the other by foot.

It will be noted that in my device the leaf-engaging clips depend from the rotating portion, so that they are adapted to engage with the upper edges of the music-sheet, and thus positively turn the same, for in this way the tendency of the sheet to buckle, fall forward, or slip down is absolutely prevented, and it is held in proper position. By making all the operative parts of the device adjustable together in a substantially vertical direction a sheet of any height may be carried, its lower edges being raised sufficiently to clear the foot of the music-rack. Further, by supporting the vertical stem, on which these parts are adjustable, from its upper end any protruding bracket or like part behind the sheet of music is eliminated.

Various changes may be made in the details of construction shown without departing from the general spirit of my invention, and I do not, therefore, desire to be limited in each case to the same.

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

1. In a music-leaf turner, a pulley, a bearing therefor, a head carrying said bearing, a cord passed around said pulley, a guide for said cord consisting of an arm stationarily connected with said head and provided with an eye on the outer end thereof, means for operating said cord, and a leaf-engaging device on said pulley.

2. In a music-leaf turner, a pulley, a bearing therefor, a vertically-adjustable support for said bearing, a cord passed around said pulley, a stationary arm on said support having an eye thereon forming a guide for the end portion of said cord, and a leaf-engaging device on said pulley.

3. In a music-leaf turner, a pulley, a bearing therefor, a boss carrying said bearing, a stem on which said boss is vertically adjustable and held, a cord passed around said pulley, an arm stationarily supported on said boss and provided with an eye freely receiving the end portion of said cord, and a leaf-engaging device on said pulley, said device depending from said pulley.

4. A music-leaf turner, consisting of a pulley, a bearing therefor, a boss carrying said bearing, a stem on which said boss is vertically adjustable and held, means for sustaining said stem, an ear on said boss, an arm secured to said ear, an eye on said arm, and a cord passed around said pulley and having its end portion in said eye.

5. A music-leaf turner comprising a pulley, a cord attached thereto, a head on which said pulley is mounted, a leaf-engaging device connected with said pulley, a support for said head, a clamp from which said support depends, and a horizontally-arranged arm stationarily connected with said support and provided with a guide for said cord.

6. A music-leaf turner comprising a suitably-supported stem, a pulley rotatable on a substantially vertical axis carried by said stem, means for rotating said pulley, and a leaf-engaging clip depending from said pulley.

7. A music-leaf turner comprising a suitably-supported stem, a pulley rotatable on a substantially vertical axis carried by said stem, a laterally-extending arm supported by said stem and provided on its end portion with a cord-guide, a cord connected with said pulley and passing through said guide, and a leaf-engaging clip depending from said pulley, said pulley, arm and connected parts being together vertically adjustable on said stem.

8. In a music-leaf turner, a pulley, a bearing therefor, a support for said bearing, a leaf-engaging device on said pulley, a plurality of stationary arms connected with said support and projecting therefrom in opposite directions, an eye in the outer end of each of said stationary arms and a plurality of cords connected with said pulley and extending therefrom in opposite directions and passing respectively through the eyes of said arms.

WINFIELD NOSSARDY.

Witnesses:
JOHN A. WIEDERSHEIM,
S. R. CARR.