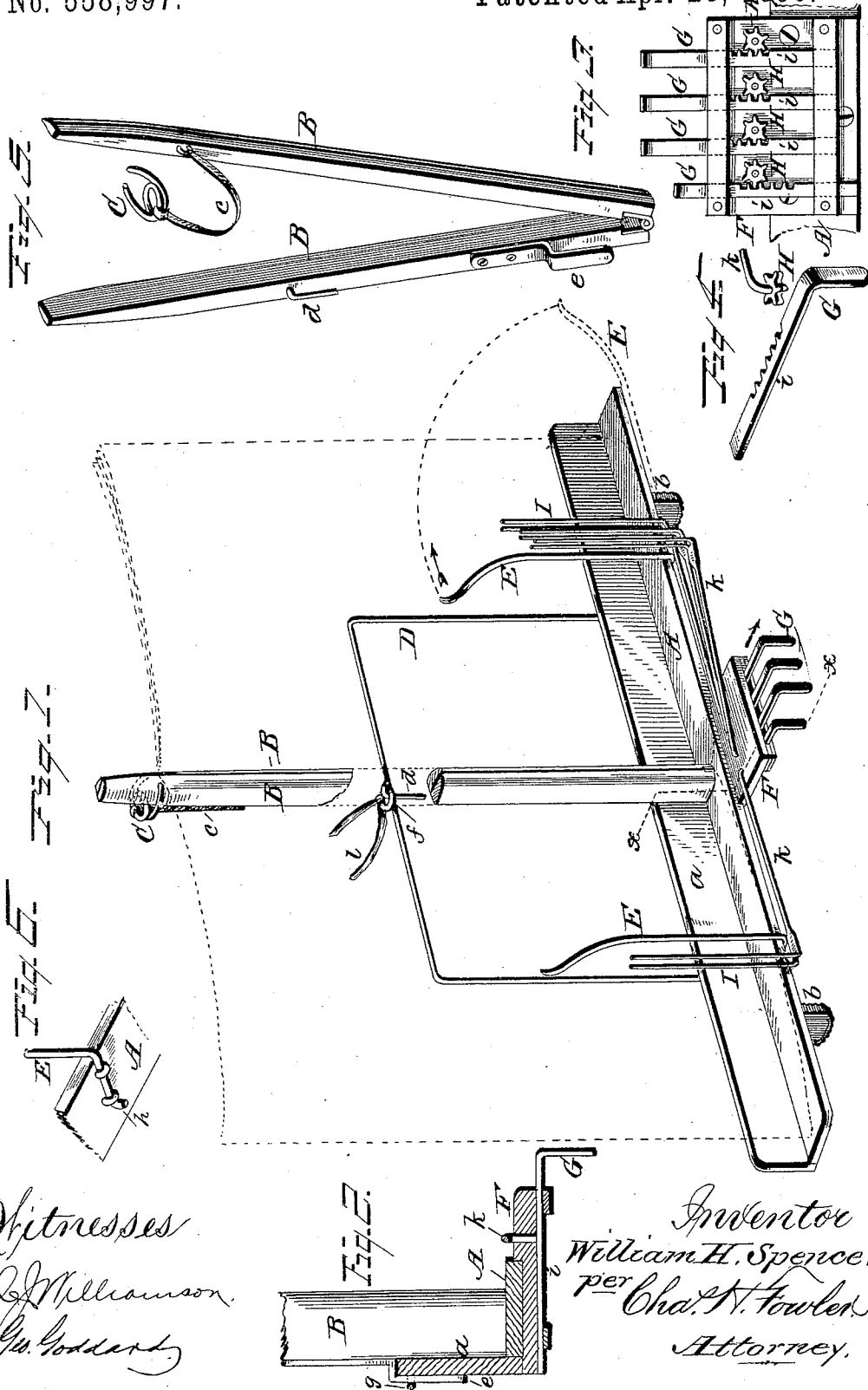


(No Model.)

W. H. SPENCE.
MUSIC LEAF HOLDER AND TURNER.

No. 558,997.

Patented Apr. 28, 1896.



Witnesses
J. Williamson.
Geo. Goddard.

Inventor
William H. Spence.
per Cha. H. Fowler
Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM H. SPENCE, OF FAIRMOUNT, INDIANA.

MUSIC-LEAF HOLDER AND TURNER.

SPECIFICATION forming part of Letters Patent No. 558,997, dated April 28, 1896.

Application filed April 30, 1894. Serial No. 509,456. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. SPENCE, a citizen of the United States, residing at Fairmount, in the county of Grant and State of Indiana, have invented certain new and useful Improvements in Music-Leaf Holders and Turners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a simple, practical, and effective device for holding books or sheet-music, whereby the person sitting at the piano, organ, or other musical instrument may have perfect control of the leaves in turning them from one side to the other without loss of time.

The invention consists in a device constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings represents a perspective view of my improved device, showing the sheet-music in dotted lines and in position thereon. Fig. 2 represents a transverse section taken on line *xx* of Fig. 1, and on an enlarged scale. Fig. 3 represents an under side plan view showing the keys with their toothed bars and the pinions engaging therewith; Fig. 4, a detail view in perspective and on an enlarged scale of one of the keys with toothed bar and one of the pinions; Fig. 5, a detail view in perspective of the temporary binder, consisting of the two hinged clamping-arms, between which the sheet-music is held. Fig. 6 represents a detail view in perspective of a portion of the support, showing the hinged connection of the spring presser-finger therewith.

In the accompanying drawings, A represents a suitable support upon which the book or sheet-music rests, said support having the back *a* and the feet *b*, said feet being covered with soft rubber or felt, so as not to mar or scratch the polished surface of the object upon which the support rests.

The binder as shown in Fig. 5 consists of two clamping-arms B, suitably hinged together at their lower ends, and one of the arms near its upper end is provided with a suitable spring-clasp C, attached thereto by a

suitable flexible connection *c*. This temporary binder is used only with sheet-music, and after the sheets have been placed between the arms said arms are securely fastened together at their upper ends by the spring-clasp, as shown in Fig. 1. After the sheet-music has been thus connected with the temporary binder said binder is connected with the support A by means of the fastenings *d e*, engaging, respectively, the loop *f* on the wire frame D and the loop *g* on the back *a* of the support.

Any suitable and well-known means may be employed for detachably connecting the temporary binder to the support, so that it may be removed when the device is used for holding books.

Spring presser-fingers E are hinged or pivotally connected to the under side of the support A, as shown in Fig. 6, and have their ends bent, as shown at *h*, to form a stop for the presser-finger and prevent its being turned down below a horizontal plane. These spring presser-fingers are constructed of wire and are considered of material importance in holding in place the leaves of a book, and when sheet-music is used the presser-fingers may be swung down out of the way.

Another feature of the presser-fingers which is considered of value is that they may be adjusted to adapt themselves to books of different width by swinging them out in a direction toward the ends of the support.

The wire frame D forms a back for supporting the sheet-music in an upright position.

To the under side of the support A is connected a suitable guide-plate F, which supports the keys G, said keys terminating at their inner ends in toothed arms *i*, with which engage pinions H. These pinions are connected with the music-leaf turners, which consist of the double wires I, extending vertically, and between which the sheet of music is inserted, and the arms *k*, to which the pinions are connected. Any desirable number of these music-leaf turners may be used, each connecting with a key through the medium of a toothed arm and pinion, hereinbefore described.

The music holder and turner may be used with a music-stand or in connection with various musical instruments, although it is especially adapted for use on pianos and organs,

and the device is secured thereto by pressing the feet *b* upon the under side of the support A into the usual groove or channel of the ordinary book-rest of the instrument that forms a part thereof, after which the device is secured in place by tying it to the book-rest, and for this purpose a suitable string or ribbon *l* is provided.

Any one or more of the keys *G* may be used, and when pulled toward the person or in an outward direction, as indicated by the arrow in Fig. 1, the music-leaf will be turned to the right, and when the key is pushed in the leaf will be turned to the left.

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

In a music-leaf turner, the support *A*, provided with the loop *g*, upon its back, and the wire frame *D*, provided with a loop *f* at its center, combined with the binder *B*, consisting of the two clamping-arms, hinged together at one end and provided with a fastening device, and having the hooks *d*, *e*, to engage with the frame and support, substantially as shown.

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

WILLIAM H. SPENCE.

Witnesses:

N. S. COX,
WM. M. NICHOLS.