

(No Model.)

J. P. CASTON & L. C. SMITH.

MUSIC BOOK HOLDER.

No. 398,128.

Patented Feb. 19, 1889.

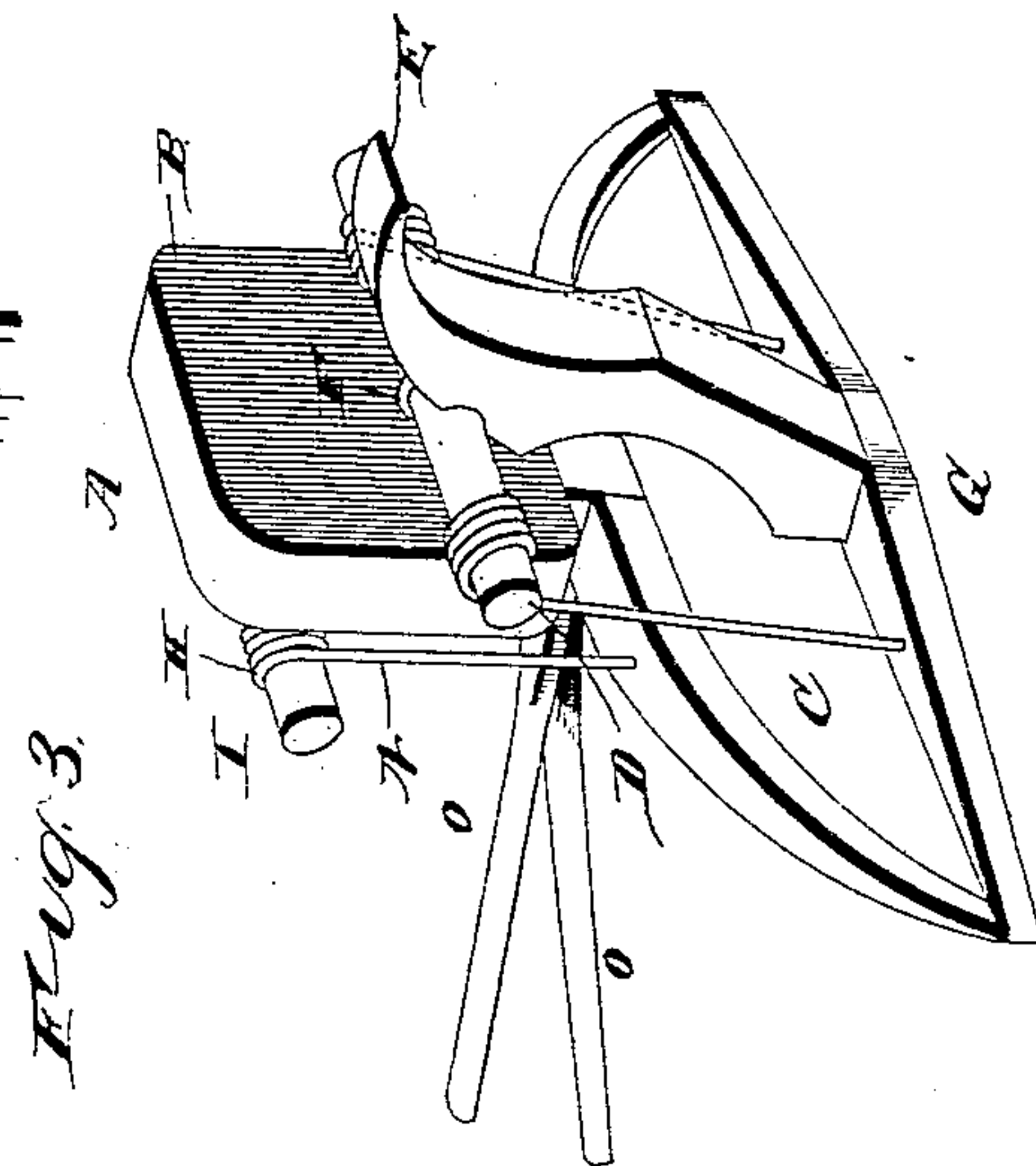
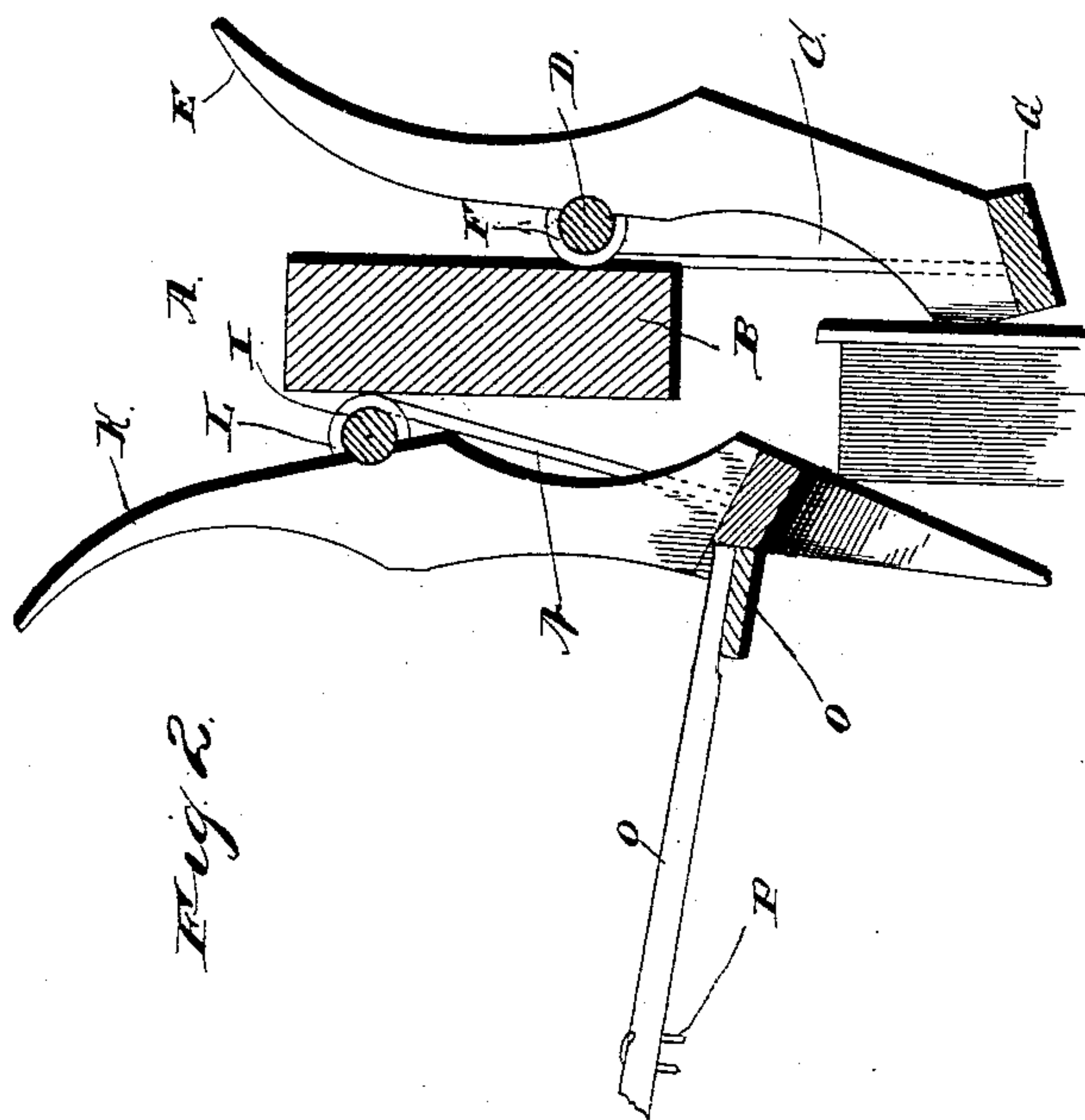
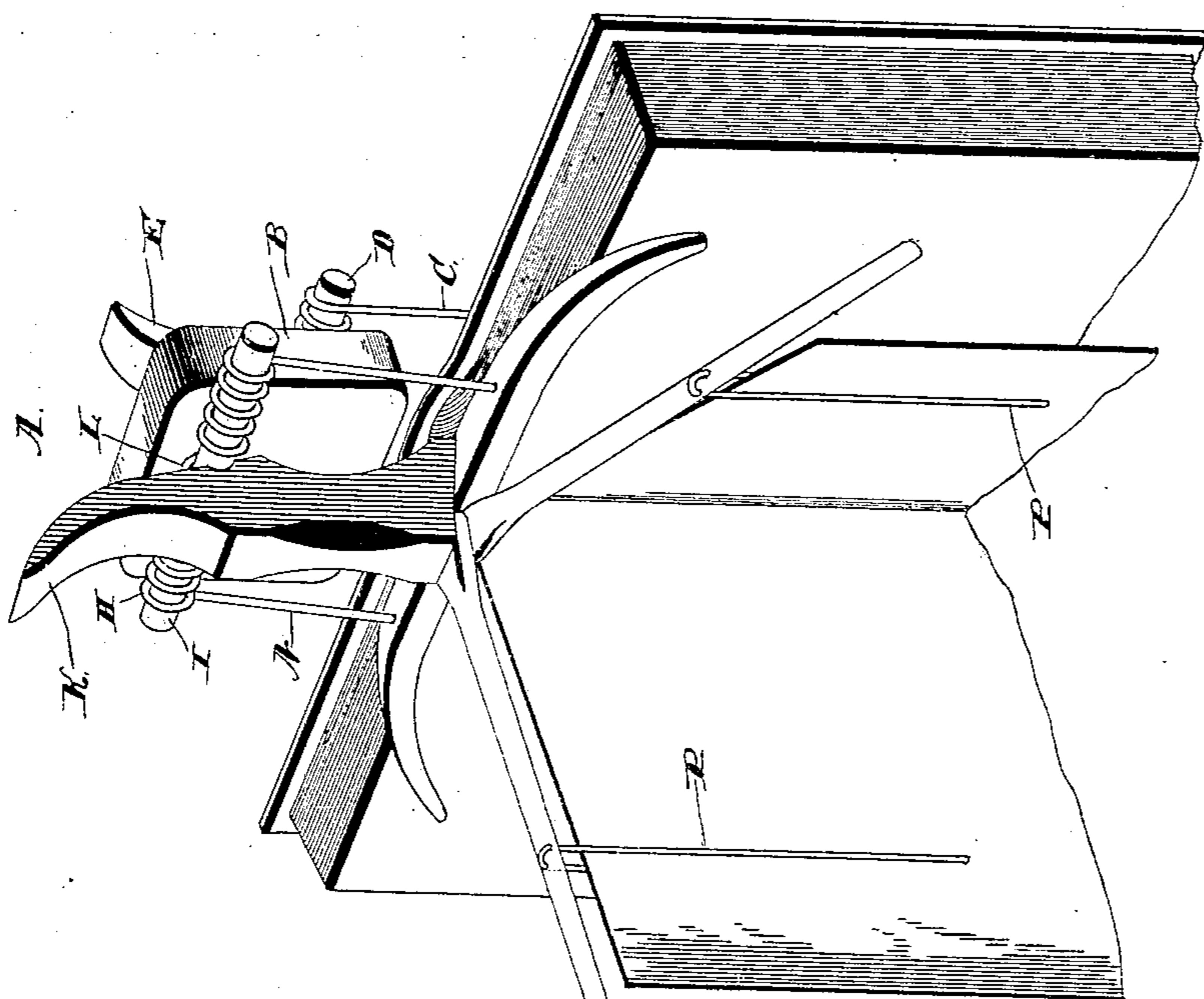


Fig. 1.



Witnesses.

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UNITED STATES PATENT OFFICE.

JAMES PINKNEY CASTON AND LEONIDAS CONSTANTINE SMITH, OF POLKTON,
NORTH CAROLINA.

MUSIC-BOOK HOLDER.

SPECIFICATION forming part of Letters Patent No. 398,128, dated February 19, 1889.

Application filed June 19, 1888. Serial No. 277,579. (No model.)

To all whom it may concern:

Be it known that we, JAMES PINKNEY CASTON and LEONIDAS CONSTANTINE SMITH, citizens of the United States, residing at Polkton, in the county of Anson and State of North Carolina, have invented new and useful Improvements in Music-Book Holders, of which the following is a specification.

Our invention relates to improvements in music-book holders, having for its object to simplify and improve the construction and provide simple and easily-operated means for turning the leaves without removing or disturbing the holder.

The invention consists in a certain novel construction and arrangement of devices fully set forth hereinafter in connection with the accompanying drawings, wherein—

Figure 1 is a perspective view of a music-holder embodying our improvements and applied in the operative position to a book. Fig. 2 is a central vertical sectional view of the same. Fig. 3 is a perspective view of the holder detached from the book.

Referring to the drawings, A designates a block forming the body of the holder, to the rear side of which near the lower edge are secured the spring-coils B B, having the depending arms C C integral therewith. The said coils align with each other, and the transverse spindle D is mounted therein. The rear pressure-lever E is provided on its front side near the upper end with the loop or keeper F, which is mounted on the transverse spindle between the coils, and the lower end of the said lever is provided with the horizontal pressure-bar G to bear against the rear side of the book.

Coils H H are attached to the front side of the body near its upper edge, in which is mounted the transverse spindle I, and the pressure-lever K is provided with a loop or staple, L, mounted on the spindle, and a crescent-shaped pressure-bar, M, on its lower end.

The coils H are provided with the depending-spring arms N, which are inserted at their lower ends in sockets in the upper side of the said crescent-shaped pressure-bar, and the lower ends of the above-mentioned arms C

(which are also spring-actuated) are inserted in the sockets in the upper side of the pressure-bar G.

It will be seen that if the transverse spindles are withdrawn and the lower ends of the spring-arms G and M are removed from the sockets in the pressure-bars the levers may be removed from the body of the holder; and to remount the levers it is simply necessary to align the loops or staples thereon with the spring-coils on the front and rear sides of the body and insert the spindles.

It is obvious that the spring-arms normally hold the pressure-levers pressed toward each other at their lower ends to hold the pressure-bars in contact with the front and rear sides, respectively, of the book; and to remove the book it is necessary to press the upper ends of the levers toward each other, thereby separating the lower ends.

The peculiar manner herein described and shown of mounting the front and rear levers, respectively, near the upper and lower edges of the body enables the lower ends of the levers to be spread very wide to receive a thick book and yet enables them to press almost directly toward each other whether separated or close together. Thus large and small books are clamped with this holder with equal effectiveness. The ends of the crescent-shaped bar bear on the leaves of the book on opposite sides of the binding, and the rear pressure-bar bears directly against the binding at its center, but prevents the book from being opened beyond the flat position.

O represents a swinging arm, which is pivoted to the front pressure-lever near its lower end, and the said lever is capable of swinging in a horizontal plane from one side through an entire semicircle to the other side just above the upper edge of the book. Depending bent-wire fingers P P are attached to this swinging arm to pass down on opposite sides of a leaf of the book, and the end of the arm projects beyond the outer edge of the book to form a handle to enable the arm to be swung over to the other side. One or more of these arms may be provided (two being shown in the drawings) mounted on the same pivot, and

by connecting them with separate leaves the latter may be very easily turned without disturbing the holder.

Having thus described the invention, we
5 claim—

1. In a music-book holder, the combination, with a suitable block or body, of the front spring-actuated pressure-lever pivoted to the block near its upper edge, and the rear spring-
10 actuated lever pivoted to the block near its lower edge, substantially as specified.

2. In a music-book holder, the combination of the block, the registering spring-coils B B, secured to the rear side of the block near its
15 lower edge and provided with the integral arms C C, the registering spring-coils H H, arranged on the front side of the block near its upper edge and provided with integral arms N, the transverse spindles D and I, en-
20 gaging the coils B and H, respectively, and the pressure-levers E and K, mounted, respectively, on the said spindles and provided with transverse pressure-bars, to which are attached the extremities of the arms C and N,
25 respectively, substantially as specified.

3. In a music-book holder, the combination of the block A, the registering spring-coils B B on its rear side, having arms C C, the registering spring-coils H H on its front side, having the arms N, the revoluble spindles D I, ar- 30
ranged, respectively, in the said registering coils, the front and rear pressure-levers provided with loops engaging the said spindles and connected to the arms C and N, the swing-
35 ing arms O, pivoted to the lower end of the front lever, and the depending parallel wire fingers P P, attached to the swinging arms and adapted to engage on opposite sides of a page, substantially as specified.

In testimony that we claim the foregoing as
40 our own we have hereto affixed our signatures in presence of two witnesses.

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LEONIDAS CONSTANTINE SMITH.

Witnesses:

THOMAS J. WATKINS,
ROBERT J. FLAKE.