

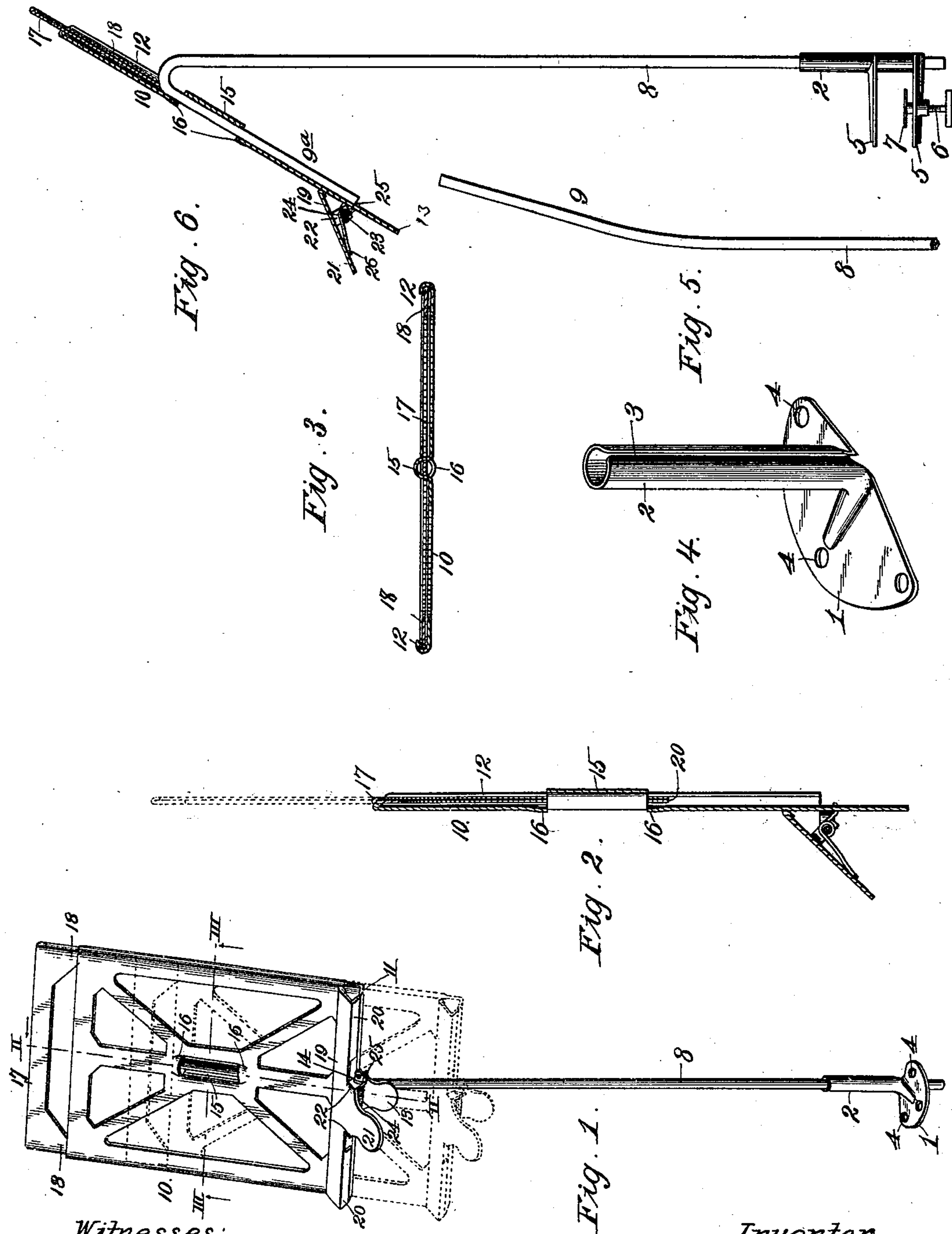
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Patented Feb. 12, 1901.

R. E. BRINER.
COPY HOLDER.

(Application filed Jan. 22, 1900.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

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COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 667,763, dated February 12, 1901.

Application filed January 22, 1900. Serial No. 2,334. (No model.)

To all whom it may concern:

Be it known that I, ROBERT E. BRINER, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Copy-Holder, of which the following is a specification.

My invention relates to copy-holders for sheet-music and stenographers' note-books; and one object is to produce a device of this character possessing the desirable features of simplicity, strength, ornamental appearance, and cheapness of construction.

My further object is the production of a copy-holder comprising a stationary part or clamp adapted to be quickly and easily secured to or removed from a suitable support—a standard which can be quickly secured in or removed from said clamp—and a “rest” detachably mounted and adapted to be horizontally oscillated and vertically adjusted on said standard and provided with a clamp for engagement with a book or sheet to be supported and consisting of a body portion or frame and a sliding portion or extension, whereby said rest may be elongated or shortened at pleasure.

To these purposes the invention consists in certain novel and peculiar features of construction and combinations of parts, as hereinafter described and claimed, and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 represents a perspective view of a copy-holder embodying my invention. Fig. 2 represents, on an enlarged scale, a vertical longitudinal section of the extensible rest, taken on the line II II of Fig. 1. Fig. 3 represents an enlarged cross-section taken on the line III III of Fig. 1. Fig. 4 is an enlarged perspective view of the stationary clamp. Fig. 5 is a side view of the upper end of the standard. Fig. 6 is a vertical longitudinal section of a construction showing a modified form of clamp and standard.

Referring to the drawings, where like reference-numerals designate corresponding parts, a clamp constructed of spring sheet metal, consisting of a horizontal plate 1 and a spring clamping-sleeve 2, projecting vertically upward from plate 1, is formed by bend-

ing an extension of said plate into circular form in cross-section, the slit or split 3 of the clamping-sleeve occurring, by preference, at its rear side. (See Fig. 4.) The base portion or plate 1 is provided with a plurality of holes 4, through which securing screws or bolts (not shown) are passed to secure the clamp upon a table or equivalent support. (Not shown.) As it may be objectionable in some instances to use this style of clamp, I have provided a modified form which may be secured upon a support without injury thereto. This modification consists simply in the provision of two plates 5 in lieu of plate 1, the lower plate carrying a set-screw 6, formed with a flat jaw 7 at its upper end to bite against the under side of the support and act as an adjustable jaw with respect to the stationary jaw 5 at the upper side of said support.

8 designates a vertical rod or standard fitting telescopically within the clamping-sleeve 2 and adapted to be vertically adjusted therein to the required height, an almost unlimited adjustment being possible, because the rod can project beyond the lower end of the clamp, as shown in Figs. 1 and 6. The upper end of this rod may be bent slightly to provide the angle-arm 9 or the angle-arm 9^a, the former being preferable, as the bend can be made more quickly, and consequently at less expense. The rod or standard can not only be vertically adjusted, as stated, but it can also be turned in the clamp to cause the book or sheet of music supported, as hereinafter explained, to face in different directions.

10 designates the book or sheet rest, of rectangular form and skeleton sheet-metal construction by preference. At its lower end it is provided with an outwardly-projecting flange or shelf 11 and at its side margins with longitudinal parallel grooves 12, formed by bending back the side edges of the rest upon itself. (See Fig. 3.) Depending centrally and formed integral with the rest is a thumb-piece 13, provided with forwardly-projecting ears 14 for a purpose which is hereinafter explained. Stamped out from the center of the rest and extending longitudinally thereof is a half-sleeve 15 to receive and frictionally embrace the arm 9 or 9^a, as the case may be, of the standard in order to support the rest at the proper inclination, (see Figs. 1 and 6,)

and to facilitate the insertion of the end of said arm in said half-sleeve clamp the body of the clamp at the opposite ends of said sleeve is oppositely bowed slightly, as at 16.

5 When the rest is fitted upon the standard-arm, as shown, it is longitudinally adjustable thereon, as indicated by dotted lines in Fig. 1, and may also be oscillated thereon to present the face of the book or music in a different direction.

10 The height of the sheet or length of the book is accommodated by the provision of a sliding frame, forming an adjustable extension for the rest and consisting of the body portion 17 and the depending arms 18, fitting in the parallel grooves 12 of the rest with sufficient friction to insure the continuance of said extension at any point to which it may be adjusted.

20 19 designates a clamp-plate arranged in front of and extending from one side of the rest to the other and provided with an inwardly-projecting flange 20, which acts in conjunction with the shelf 11 to support the book or other object.

25 21 designates a thumb-piece projecting from the lower edge of the clamp-plate at its center and provided with the rearwardly-projecting ears 22, fitting between ears 14 of the rest and pivotally connected thereto by the pivot-rod 23, riveted at its ends, and in order that the upper edge of the clamp-plate may be held with a yielding pressure against a sheet of music or a book irrespective of its thickness a coil-spring 24 is mounted upon said rod and has one arm 25 bearing against the lower end of the rest adjacent to ears 14 and the other arm 26 against the rear side of the clamp-plate thumb-piece 21, as shown

40 most clearly in Fig. 6.
As the function of the various parts has been explained and the manner of manipulating them to adjust the book or music in

the most convenient position for the reader, it is only necessary to state that the thumb-pieces are grasped between one's thumb and finger in order to move the clamp-plate away from the rest and permit of the insertion of the sheet of music or book, the clamp as it is released being forced back against the face of the book or sheet by the spring, as will be readily understood.

From the above description it will be apparent that I have produced a copy-holder embodying the features of advantage enumerated as desirable in the statement of invention, and while I have illustrated and described the preferred embodiments of my invention I wish it to be understood that such changes in the form, proportion, detail construction, and arrangement of the parts as do not involve a departure from the spirit and scope of the invention nor sacrifice any of the advantages I reserve the right to make.

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

In a copy-holder, a supporting-standard, a book or sheet "rest" mounted thereon and provided at its lower end with a shelf 11, a thumb-piece 13, and ears 14, a clamp provided with a thumb-piece 21 and ears 22, a shelf 20 at opposite sides of said ears with its front edge adjacent to the front edge of shelf 11, a pivot-rod connecting ears 14 and 22, and a spring encircling said rod between said ears with its opposite ends bearing against the "rest" and the thumb-piece of the clamp below said pivot-rod, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

ROBERT E. BRINER.

Witnesses:

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