No. 768,483. PATENTED AUG. 23, 1904.

J. L. RIVERS.

COPY HOLDER.

APPLICATION FILED MAR. 2, 1903.

NO MODEL. 2 SHEETS—SHEET 1.

Fig. 1.

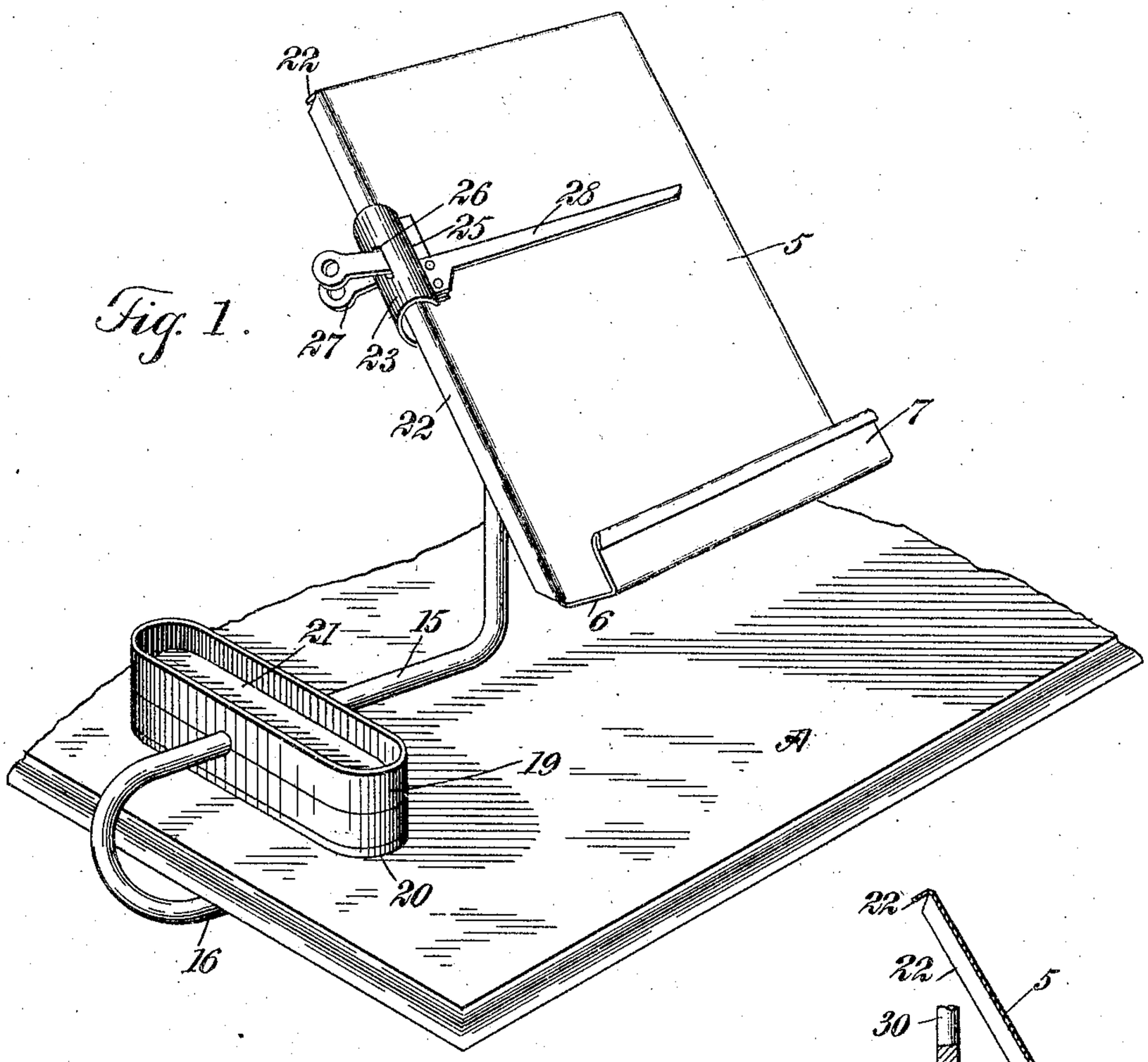
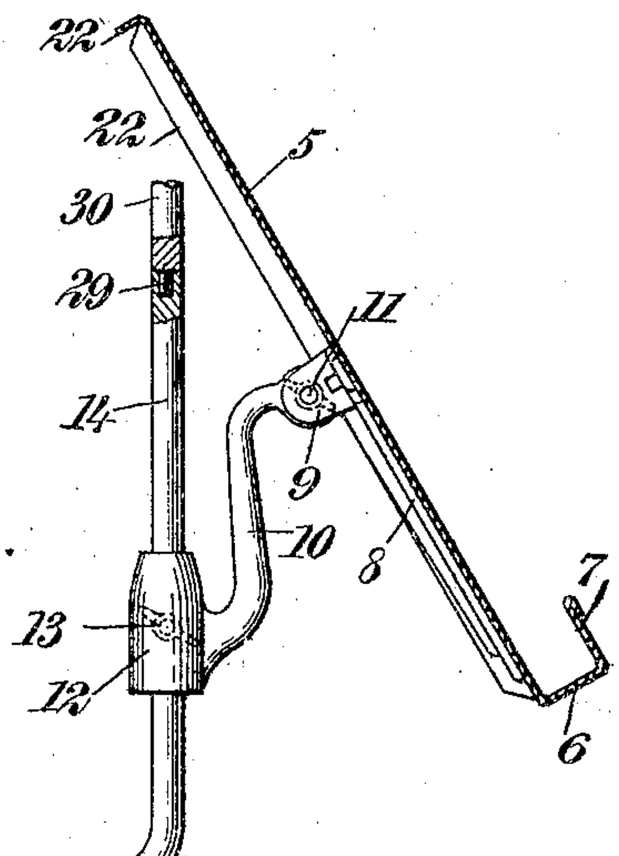
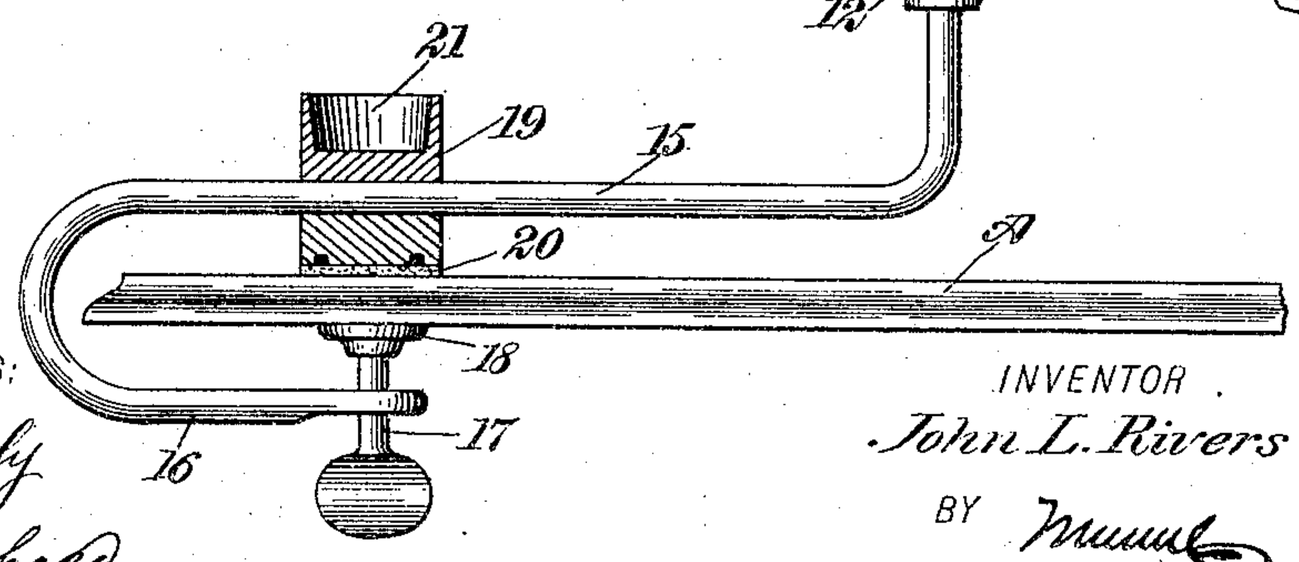


Fig. 2.





WITNESSES:

A. B. Mattingly

H. J. Bernhard

INVENTOR.

John L. Rivers

BY Munn & Co.

ATTORNEYS.

No. 768,483. PATENTED AUG. 23, 1904.

J. L. RIVERS.

COPY HOLDER.

APPLICATION FILED MAR. 2, 1903.

NO MODEL. 2 SHEETS—SHEET 2.

Fig. 3.

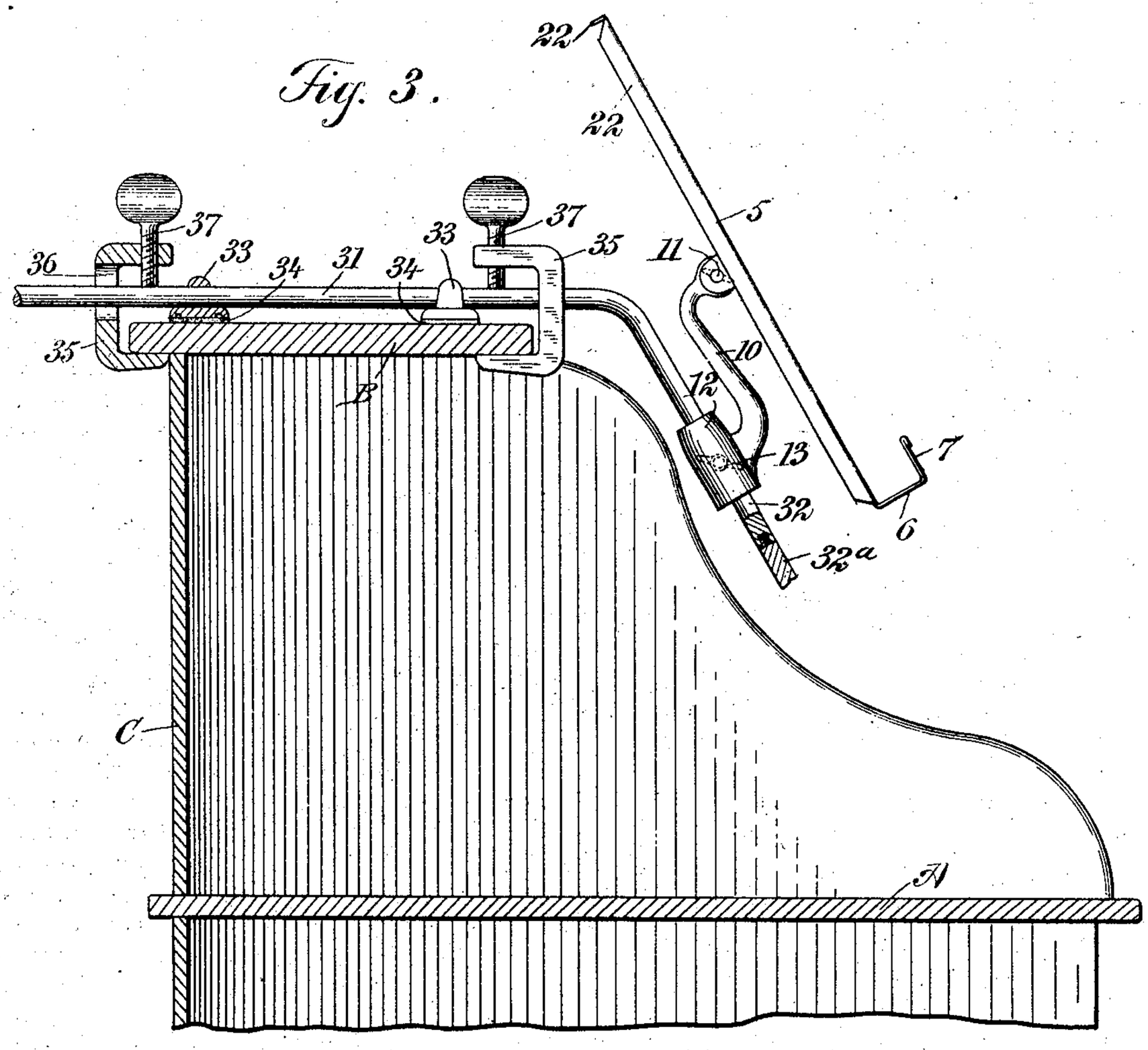


Fig. 4.

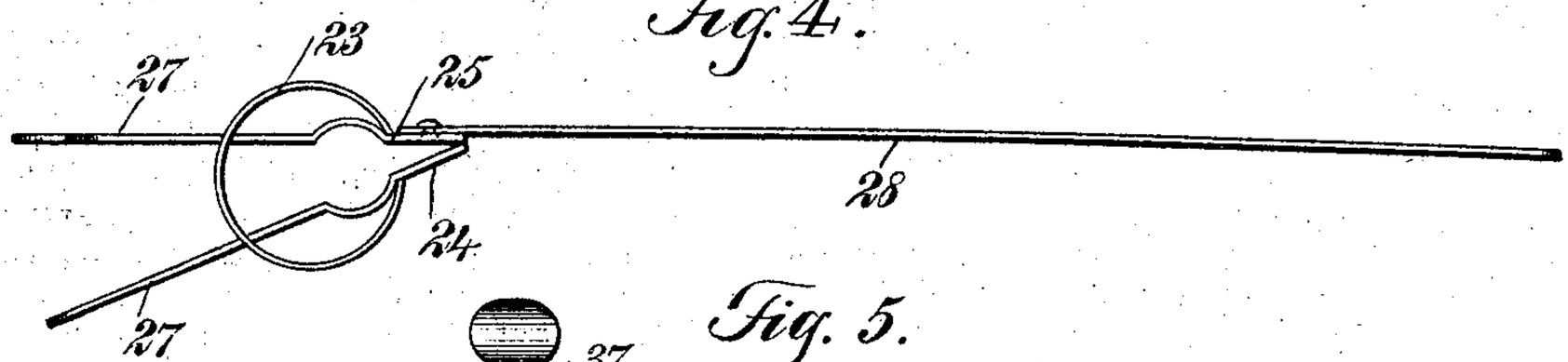
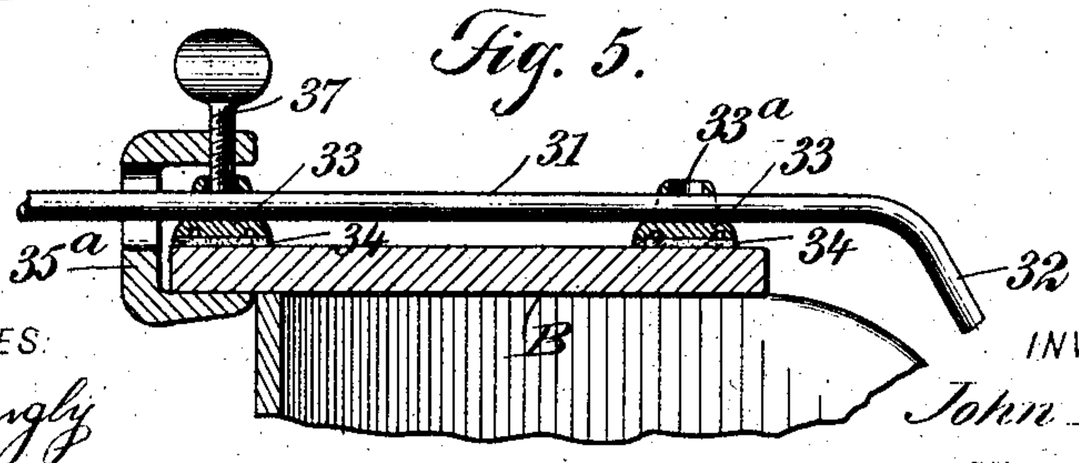


Fig. 5.



WITNESSES:

A. G. Whattingly

W. J. Beuchard

INVENTOR

John L. Rivers

BY Munn & Co

ATTORNEYS.

No. 768,483. Patented August 23, 1904.

UNITED STATES PATENT OFFICE.

JOHN LESLIE RIVERS, OF SEATTLE, WASHINGTON.

COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 768,483, dated August 23, 1904.

Application filed March 2, 1903. Serial No. 145,700. (No model.)

To all whom it may concern:

Be it known that I, JOHN LESLIE RIVERS, a citizen of the United States, and a resident of Seattle, in the county of King and State of Washington, have invented a new and Improved Copy-Holder, of which the following is a full, clear, and exact description.

This invention relates to improvements in copy-holders designed to meet the demands of type-writer operators for a satisfactory device which will hold a copy so steadily or securely in place that the jar or vibration of the machine will affect it to the least possible extent (when fastened to a solid desk will do away with all vibration) and which may be used in any number of positions on a folding type-writer cabinet, desk, or table in a way to avoid removal or readjustment of the holder when covering the type-writer with the ordinary cover with which they are provided or when opening or closing a folding type-writer cabinet or rolling-top desk.

Further objects of the invention are to provide a combined clip and line-guide which may be easily fitted to or removed from the body of the holder and may be shifted thereon in a way to hold the copy and also indicate the line to be copied, to provide for vertical and angular adjustment of the body to a required elevation and to any slanting position without changes in the clamping means that hold the holder in position, and to provide means for holding a rubber eraser or other small articles within convenient reach of the operator.

Further objects and advantages of the invention will appear in the course of the subjoined description, and the novelty will be defined by the annexed claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view illustrating my improved copy-holder applied in one position to a desk or table adapted to support an ordinary type-writing machine. Fig. 2 is a vertical sectional elevation through the improved copy-holder, showing a portion of an extensible stem. Fig. 3 is a sectional elevation illustrating an embodiment of means by which my improved copy-holder may be attached to the top portion of a rolling-top desk. Fig. 4 is a detail plan view, on an enlarged scale, of the combined clip and line-guide attached for use in connection with the body of the copy-holder; and Fig. 5 is a sectional elevation through a portion of a rolling-top desk, illustrating another embodiment of the fixture for supporting a copy-holder.

In carrying my invention into practice I employ a body 5, having a shelf 6 and an upwardly-projecting flange 7, said shelf and flange being located at the lower edge portion of the body. On the back of the body 5, at or about the middle thereof, is rigidly secured a cast-metal plate 8, which is provided with lugs or ears 9, extending at right angles to the plane of the plate. (See Fig. 2.) Between the ears is fitted the upper enlarged portion of an arm 10, said ears and the enlarged end of the arm being provided with openings adapted to register one with the other and accommodating a pivotal and clamping screw 11, which allows the body 5 to be adjusted at any required angle. This arm is curved or inclined in a downward direction from its pivotal connection with the plate on the body, and the free end of the arm is provided with a sleeve 12, in one side of which sleeve is mounted a clamping-screw 13. The sleeve of the curved arm is fitted loosely on a stem 14, against which is adapted to bind the clamping-screw 13, thus making provision for adjusting the arm and the body of the holder in a vertical direction on the stem, said arm and the body supported thereby being also adjustable in a horizontal plane by turning the sleeve 12 on said stem. The stem 14 is bent at its lower end to form the arm 15, which is furthermore bent to produce the underlapping extremity 16, said extremity 16 having a threaded opening and supporting a clamping-screw 17, which is furnished with an enlarged head 18, adapted to bear against the under side of a table-top. The arm 15 of the stem passes loosely through a clamp 19, adapted to coöperate with the clamping-screw 17 in holding the stem and its parts firmly in place on a table-top A.

The clamping-block 19 is provided on its under or bottom face with a lining 20, of felt or any other suitable material, which prevents the pressure of the block from marring or defacing the finished surface of the table-top A. As shown by Fig. 1, the clamping-block 19 is oblong in shape in order that it may rest firmly on the table-top, and this clamping-block is provided with a cavity or pocket 21 in its upper side, the same adapted to serve as a receptacle for a type-writer eraser, pins, and other small articles and to keep the same within convenient reach of the type-writer operator.

The body 5 of the copy-holder may be constructed in any suitable way and of any preferred material, although I have shown this body as having lips 22 at its side and top edges. In connection with the body I employ a combined clip and guide, which is shown in an applied position by Fig. 1 and in detail by Fig. 4. The said clip consists of a curved spring-plate 23 and inclined jaws 24 25. The curved spring-plate 23 is provided with two longitudinal slots, one of which is indicated at 26 in Fig. 1. The jaws are constructed with handles or finger-pieces 27, that are adapted to pass through the slots 26 and to play therein. The jaws 24 25 are disposed between the adjacent edges of the curved spring-plate 23, said plate being thus arranged to exert tension on the jaws in a way to force them together, and the plate also serving to couple or connect the jaws in order to maintain them in proper operative positions. By referring to Fig. 4 it will be seen that the jaws extend across the space within the curved spring-plate, while the active edges of the jaws are prolonged beyond one side of the spring-plate, and the handles 27 project beyond the other side of the spring-plate.

The line-guide is in the form of a flat arm or strip 28, which is shown by Fig. 4 as being attached to the jaw 25 of the clip; but it is evident that this line-guide and the jaw may be struck up in a single piece of sheet metal. The line-guide extends a suitable distance beyond the front edge of the clip, and when the clip is applied to the body 5 of the holder said line-guide extends across the exposed face of said body.

The construction of the body-supporting means shown by Figs. 1 and 2 is especially adapted for use in connection with a flat table-top; but I do not limit my invention to this especial adaptation, because I may attach the body-supporting arm 10 to an extension of the stem 14 in order to support the body of the holder in a position above and in the rear of a type-writer machine, or the arm 10 may be fitted to a supporting device which is adapted to be clamped on the top shelf of a rolling-top desk, as represented by Fig. 3.

In Fig. 2 the upper end of the stem 14 is shown as having a female threaded socket in which is adapted to be screwed a threaded tenon 29 of an extension-piece 30, the latter being detachably coupled to the stem 14 and disposed in coaxial relation thereto for the purpose of increasing the length of said stem 14. The stem may be clamped to the back portion of a type-writer stand or table by the coöperating screw 17 and clamping-block 19, and when the extension 30 is coupled to the stem the holder may be supported in a raised position above and in the rear of the type-writer. As shown by Figs. 1 and 2, the stem 14 is attached to the edge portion of the table-top A; but it is evident that the stem may be arranged in the manner described at the back portion of said table-top.

In Fig. 3 I have shown an annular rod 31, having an inclined arm 32, adapted to receive the sleeve 12 of the body-supporting arm 10. The screw 13 of said sleeve is adapted to impinge said arm 32 for the purpose of adjustably clamping the body-supporting arm on the depending inclined end of the rod 31. This rod is adapted to extend across the top shelf B of a rolling-top desk C, and the rod is arranged to rest in suitable recesses or openings of the bearing-blocks 33, the latter having a lining of felt or other material 34 to prevent marring the shelf B.

In connection with the rod 31 I employ clamping-yokes 35, arranged to fit below the shelf B, at opposite edges thereof, and having longitudinal slots 36, through which the rod 31 passes. The upper extremity of each yoke 35 is equipped with a binding-screw 37, that lies directly over the rod 31 and is adapted to impinge the latter, whereby the yokes and screws afford a convenient means for securely clamping the rod 31 on the bearing-blocks 33. It will be understood that the rod 31 is clamped on the shelf B in a way to avoid any interference with the adjustment of the flexible curtain or top of a desk and that the arm 32 of said rod extends in a downward and forward direction from the shelf B to serve as a support for the body 5 and the arm 10. The copy-holder is thus suspended directly in front of the type-writer operator, and it is clamped in place on the desk in a way to be free from the jar and vibration due to the operation of the type-writing machine.

It will be understood that either set of attachments shown by Figs. 1 to 3, inclusive, may be employed in connection with the arm and the body 5 and that the arm 10 may be adjusted on one of the supporting rods or stems in a way to raise, lower, and change the position of the holder-body 5. At the same time the angle or inclination of the body 5 may be achieved by releasing the clamping pivotal screw 9, which connects said body to the curved arm 10. All these adjustments may be easily and readily effected to support

the copy-holder in a position most convenient to or desired by the operator of the type-writing machine.

The clip or line-guide can easily be fitted to an edge portion of the holder-body by spreading the jaws 24 25 against the tension of the spring-plate 23. This clip can be released or lowered on the body 5 for the purpose of changing the position of the line-guide 28, or the clip may be disconnected from the body and used as a means for holding loose leaves or pages of paper, as desired.

It is evident that the parts shown by Figs. 3 and 5 for supporting the copy-holder on the top portion of a rolling-top desk or folding type-writer cabinet may be located at any point between the end portions of the desk, preferably at the middle thereof.

In lieu of using two clamping-yokes 35, as shown by Fig. 3, I may construct or arrange the bearing-blocks and the rod in such a way that only one clamping-yoke at the rear portion of the desk-top may be employed, as repsented by Fig. 5. In this embodiment of the invention the rod 31 is provided with the angular end or arm 32, and this rod is arranged for its horizontal length to rest on the bearing-blocks 33, one of which is arranged near the front edge of the desk-top, while the other is near the rear edge thereof. Either or both bearing-blocks 33 may be provided with an opening 33^a in its upper side, and the rear block may be adjusted below the overhanging upper arm of the clamp 35^a, the latter being located at the rear portion of the desk for its lower arm to fit beneath the top board of the desk. The clamping-screw 37 is mounted in the upper arm of the yoke, and this screw is arranged to pass through the opening 33^a of the rear block in a way to bind against the rod 31. The pressure of the screw 37 is exerted vertically on the rod 31, the bearing-block 33, and the lower part of the clamping-yoke 35, thus holding the rod 31 rigid and in a horizontal position. I also reserve the right to employ an extension-piece 32^a, adapted to be coupled to the lower free portion of the inclined arm 32, which forms a part of the rod 31. This extension-piece 32^a is similar to the extension-piece 30, adapted for use in connection with the post 14 in the construction shown by Fig. 2. Said extension-piece 32^a is provided with a threaded tenon adapted to be screwed into a female threaded socket, as shown by Fig. 3. The extension-piece is coupled detachably to the arm 32 and is disposed in coaxial relation thereto for the purpose of increasing the length of the arm 32 to any desired extent, thus making provision for supporting the copy-holder on desks which may vary in height.

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

1. In a copy-holder, the combination of a fixture-rod, means for clamping said rod in place on a desk, an extension-piece coupled detachably to said rod, and a body-carrying arm clamped adjustably to a part of the rod and shiftable to variable positions along said rod and to its extension-piece.

2. A copy-holder comprising a bent fixture-rod having depending end portion, an extension-piece coupled detachably to said end portion, a body, and adjustable devices for connecting said body to the depending part of the rod and to its extension-piece.

3. In a copy-holder, a fixture-rod having an offset portion at an angle to the major length of the rod, and an extension-piece coupled detachably to and arranged in axial alinement with said offset end, combined with means for clamping the rod in place, and a body connected detachably and adjustably to the prolonged angular part of the rod.

4. The combination of a stem, means for virtually extending the length thereof, mechanism for mounting said stem upon a table, and a copy-holding member mounted upon said stem and adjustable relatively thereto.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN LESLIE RIVERS.

Witnesses:

J. C. LANE,

ERNEST E. BROWN.