

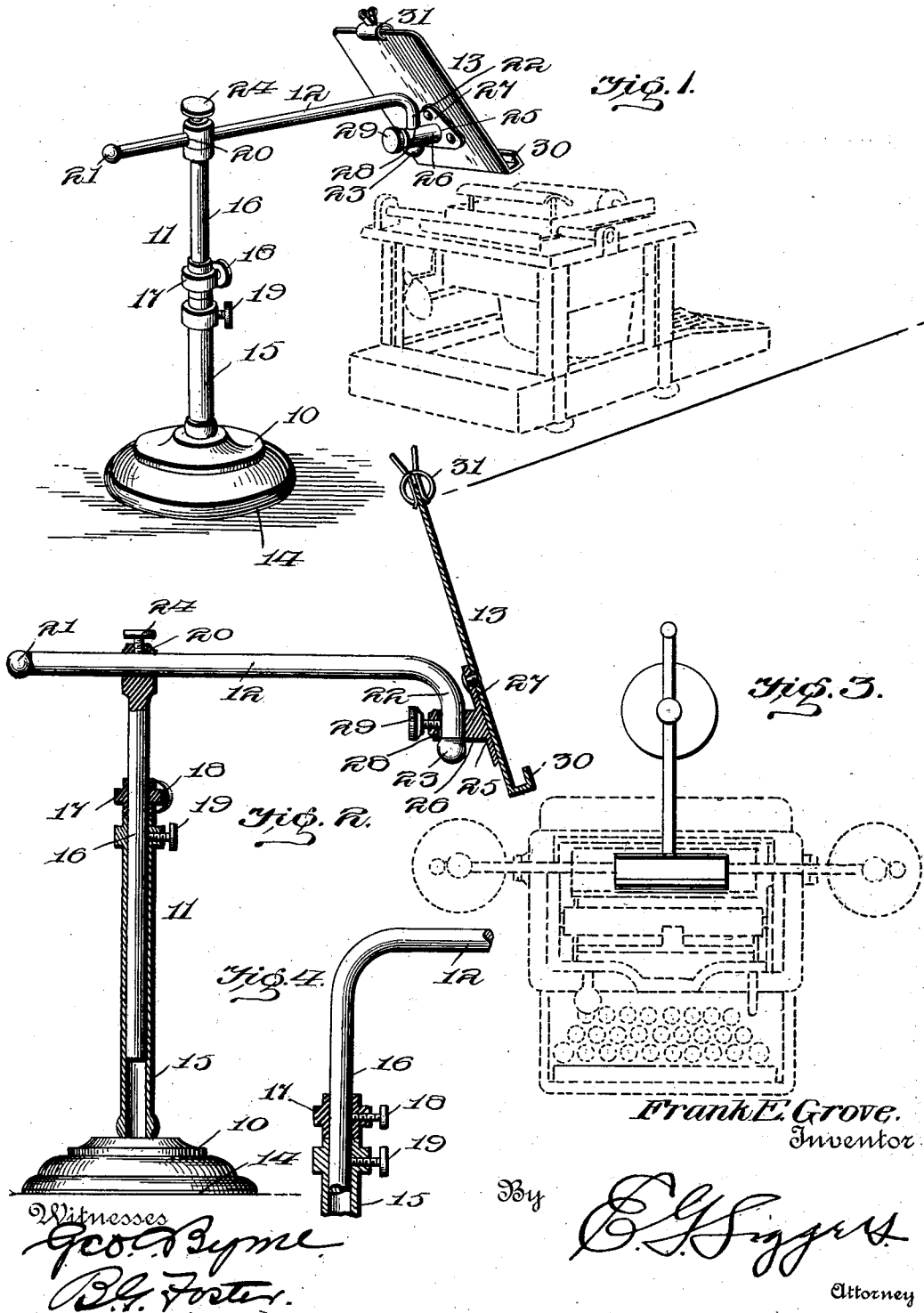
No. 700,117.

Patented May 13, 1902.

F. E. GROVE.
TYPE WRITER COPY HOLDER.

(Application filed Dec. 24, 1900.)

(No Model.)



Frank E. Grove.
Inventor

By

E. J. Suggs

Attorney

Witnesses
Geo. A. Byme
Chas. Foster

UNITED STATES PATENT OFFICE.

FRANK EDWIN GROVE, OF FRANKLIN, PENNSYLVANIA.

TYPE-WRITER COPY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 700,117, dated May 13, 1902.

Application filed December 24, 1900. Serial No. 40,957. (No model.)

To all whom it may concern:

Be it known that I, FRANK EDWIN GROVE, a citizen of the United States, residing at Franklin, in the county of Venango and State of Pennsylvania, have invented a new and useful Type-Writer Copy-Holder, of which the following is a specification.

In using a type-writing machine it is very desirable to have the copy in a position where it can be readily seen without unnecessarily moving the head and eyes. It is therefore necessary to support the copy as close as possible to the keyboard, and the most satisfactory position is directly above the machine. In view of the fact that said machines are placed in a variety of positions upon a table or desk to suit the individual convenience of each operator, it is furthermore desirable to provide a copy-holder the base of which can be placed in any position with relation to the type-writer and that will support the copy in the said position.

The present invention relates to copy-holders for type-writers; and the object thereof is to provide an adjustable one of this character which may be placed in any suitable position and arranged so that the copy will be held over the type-writer and in a manner to suit the convenience of the operator.

One manner of carrying the invention into effect is described in the following specification and shown in the accompanying drawings. The construction, however, is open to change and modification within the scope of the claims hereto appended.

In the drawings, Figure 1 is a perspective view of the improved copy-holder. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a diagrammatic view illustrating various positions which the base of the holder may assume with relation to the type-writing machine and yet hold the copy in proper position. Fig. 4 is a detail view of a slightly-modified form of supporting-arm.

Similar numerals of reference designate corresponding parts in the several figures of the drawings.

The copy-holder in the construction shown comprises a base 10, provided with an extensible standard 11, to the upper end of which is adjustably secured a supporting-arm 12, having at its outer end a revolubly-mounted

copy rack or platform 13. The base 10 is made heavy, so that it will remain firmly fixed when placed upon a desk or table, and is preferably provided on its under face with some soft sound-deadening material 14, as felt or the like, which prevents marring of the surface upon which the holder is placed.

The extensible standard 11 comprises a hollow upright section 15, projecting from the upper portion of the base 10, and a cylindrical rod-section 16, slidably and revolubly mounted in said hollow section. Slidably mounted upon the rod-section 16 is a bearing-collar 17, having a set-screw 18, arranged to engage the rod to hold the collar in fixed relation thereto. This collar bears upon the upper end of the hollow section 15, and thus supports the upper section, but permits of its being rotated freely. To hold the two sections in fixed relation, a set-screw 19 is arranged in the upper end of the hollow section and is adapted to engage the rod-section 16. The upper end of the rod-section has a transverse eye 20, through which passes the supporting-arm 12.

The supporting-arm 12 is preferably in the form of a rod provided at its inner end with an enlarged stop-head 21 and having its opposite end bent to form a depending pintle 22, the terminal of which has a bearing, preferably in the form of an enlarged head 23, which forms an annular bearing-shoulder. This shoulder may be made integral with the arm or secured thereto in any desired manner. The supporting-arm is slidably mounted in the eye 20, and a set-screw 24, mounted in the wall of said eye, is arranged to bear against the arm to hold it fixed.

The rack or platform 13 is secured to the supporting-arm, preferably in the following manner: A bracket 25, comprising a pair of arms 26 and 27, is revolubly mounted upon the depending pintle 22 by providing one of said arms with an opening 28, through which said pintle passes. The other arm 27 has its outer face inclined, and to this face is rigidly secured the rack or platform 13. The arm 26 is arranged to bear upon the flange 23 of the pintle, and a set-screw 29, carried by the arm, is arranged to be brought into engagement with the pintle. The rack or platform 13 may be of any desired construction, but in the form shown comprises a flat plate having a

supporting-ledge 30 at its lower end and a retaining-clip 31 at its upper edge for securing the copy thereto.

The application of the device will be readily apparent. Assuming, for instance, that the only available space for the base 10 is at the rear of the type-writer, as shown in Fig. 1, the base is placed thereon and the standard and supporting-arm are adjusted to bring the copy-holder to the position desired by the operator. If it is desired to change the angle of inclination of the rack, it is only necessary to slide the arm 26 upon the curved portion of the pintle 22. The rack may also be revolved about the pintle 22 and brought to any position in front of or to either side of and against the supporting-arm 12. When the desired position has been obtained, the several set-screws are tightened and the entire device will be held rigidly fixed. In Fig. 3 of the drawings a diagrammatic view is shown, illustrating how the copy may be held in one position and the base shifted to any convenient place, as desired. By this means it will be seen that a simple and inexpensive device is provided whereby the copy may be readily arranged in a position to suit the operator, who may vary the height and the distance from the eye, as desired. Furthermore, the base may be placed in any convenient location according to the disposition of the type-writing machine.

In Fig. 4 a slightly-modified form of construction is illustrated. In this form the rod-section 16 of the extensible standard and the supporting-arm 12 are made of a single piece, which is bent to constitute said elements. This greatly simplifies the construction and permits of the vertical and revoluble adjustment of the arm.

From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will

be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

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

1. In a type-writer copy-holder, the combination with a base having a standard, of a substantially horizontal arm slidably mounted upon the upper end of the standard and having a downwardly-curved pintle at its outer end, a stop located upon the depending end of the pintle, a bracket carrying a rack, said bracket being slidably and revolubly mounted upon the pintle, and means for maintaining the bracket at any desired position upon said pintle.

2. In a type-writer copy-holder, the combination with a base, of an upright sectional extensible standard, one section of which is secured to the base, and another section is slidably mounted upon said base-section, a horizontally-disposed arm slidably mounted upon the upper end of the standard and provided with a downwardly-curved depending pintle having an enlarged head, a bracket revolubly and slidably mounted upon the pintle and bearing upon the enlarged head, said bracket having its outer face inclined, and a copy-holding rack secured to said inclined face.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

FRANK EDWIN GROVE.

Witnesses:

JOHN PRATT,
JOHN W. GROVE.