Feb. 28, 1933. F. J. KAVANAUGH 1,899,759

COPYHOLDER

Filed Oct. 26, 1929

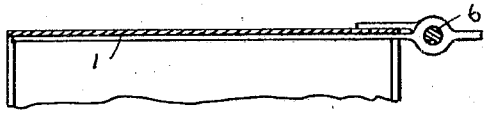


Fig. 3



Fig. 4.

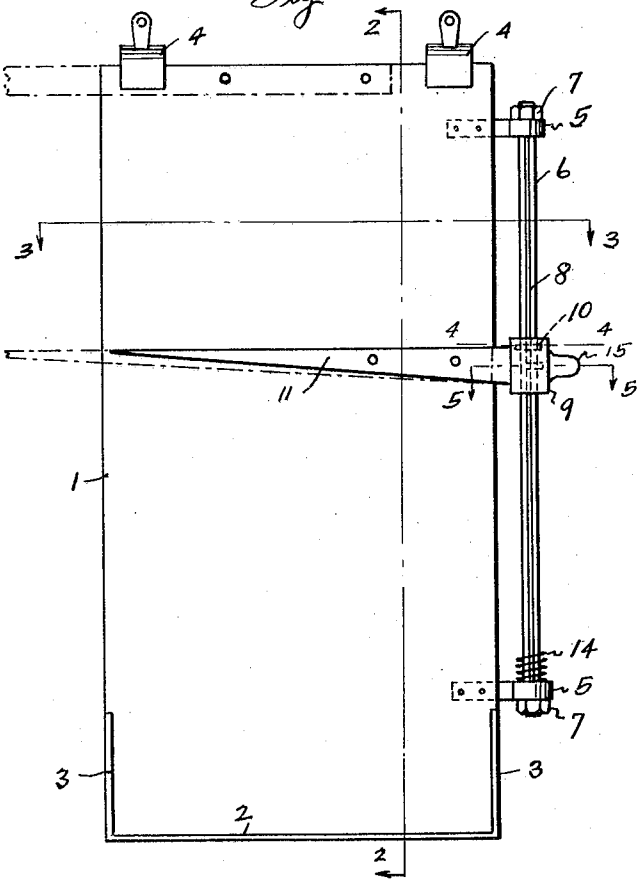


Fig. 1.

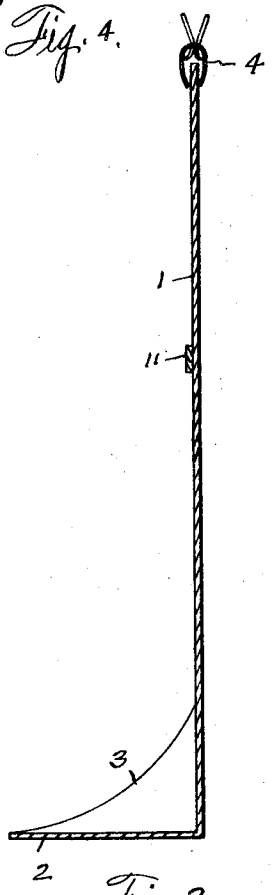


Fig. 2

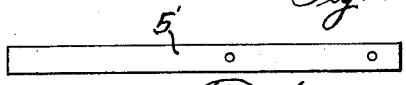


Fig. 6.

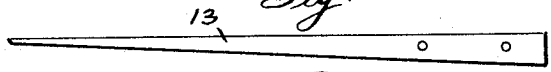


Fig. 7.

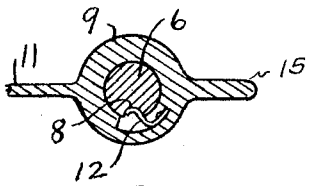


Fig. 5.

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UNITED STATES PATENT OFFICE

FLOYD J. KAVANAUGH, OF GALVESTON, TEXAS

COPYHOLDER

Application filed October 26, 1929. Serial No. 402,604.

This invention relates to new and useful improvements in a copy holder.

One object of the invention is to provide a copy holder whereby matter to be copied by a typewriter may be held in convenient position in front of the operator and embodies an adjustable line finder having novel means for holding the same against the work being copied.

Another object of the invention is to provide a copy holder of the character described that is suitable for holding sheets of different widths. A further feature of the invention resides in the provision of a copy holder that may be readily maintained in the desired position by means of the typewriting machine itself and which will not require screws or other fastening means.

A still further feature of the invention resides in the provision of a copy holder of the character described that is of very simply construction and has few movable parts to get out of order and which may be easily operated by the operator of the machine.

With the above and other objects in view the invention has particular relation to certain novel features of construction, operation and arrangement of parts, an example of which is given in this specification and illustrated in the accompanying drawing wherein:

Figure 1 shows a front elevation of the complete device.

Figure 2 shows a vertical sectional view taken on the line 2—2 of Figure 1.

Figure 3 shows a horizontal cross sectional view taken on the line 3—3 of Figure 1.

Figure 4 shows an enlarged fragmentary cross sectional view taken on the line 4—4 of Figure 1.

Figure 5 shows an enlarged fragmentary cross sectional view taken on the line 5—5 of Figure 1.

Figure 6 shows an elevational view of a supplemental attachment bar employed, and

Figure 7 shows an elevation of a line finder extension employed.

Referring now more particularly to the drawing, wherein like numerals of reference designate similar parts in each of the figures the numeral 1 designates the vertical copy board, composed of any suitable material and preferably rectangular in form. Attached to the bottom of said board is the forwardly extending platform 2 which is further connected to the board by means of side angle braces 3, 3. The typewriter machine may rest on the platform 2 to hold the copy holder in position. At the top of the copy board are suitable removable clamps 4, 4 of any desired design and which are provided for clamping the upper edges of the sheets to the copy board. A supplemental bar 5′ may be bolted to the upper end of the copy board and extend out laterally beyond said board to provide for paper of extraordinary width. At one side of the copy board there are the upper and lower bearings 5, 5 in which there is mounted the rod 6 which is secured in place by the upper and lower nuts 7, 7. This rod has a lengthwise groove 8 extending from the upper to the lower end thereof. Slidable on the rod there is a bearing 9 which has the inside felt packing ring 10 designed to receive and retain a lubricant for the bearing. Attached to the bearing 9 there is the line finder 11 which extends out transversely on the front side of the copy board 1. There is a spring dog 12, one end of which is fastened within the bearing 9 and whose other end is curved to fit within the groove 8 and this dog serves to hold the line finder 11 at any selected position on the rod 6 and yieldingly against the board 1. If the copy work held in the holder is of considerable thickness, the line finder 11 may be moved outwardly from the board to give the required space for the copy work but it will be held yieldingly against the copy by the dog 12, but said line finder may be swung outwardly by the grip 15, a sufficient distance to cause the curved end of the dog 12 to ride out of said groove and the line finder 11 may then be adjusted to any selected position where it will be held by said dog.

When the bar 5′ is used for wide sheets of copy work, a supplemental finder extension 13 may be bolted to the line finder 11, said supplemental extension being of sufficient length to extend out the required distance.

Around the rod 6 and supported on the bottom bearing 5 there is a yieldable bumper 14 against which the bearing 9 will strike when the finder 11 reaches its lowermost position.

The drawing and description disclose what is now considered a preferred form of the invention by way of illustration only while the broad principle of the invention will be defined by the appended claim.

What I claim is:—

In a copy holder having a rod for supporting a line finder bearing, said rod having a longitudinal groove; a bearing slidable on said rod, a line finder attached to the bearing, an outwardly extending grip on said bearing, said bearing being also turnable on the rod, a spring dog housed within the bearing and having a free portion which normally runs in said groove and which is shaped to ride out of said groove, upon the turning of the bearing, and to thereupon grip said rod to retain said bearing in a selected position on the rod, and a bushing in the bearing above said dog and closely surrounding the rod, said bushing being formed to retain a lubricant for lubricating the rod.

In testimony whereof I have signed my name to this specification.

FLOYD J. KAVANAUGH.