

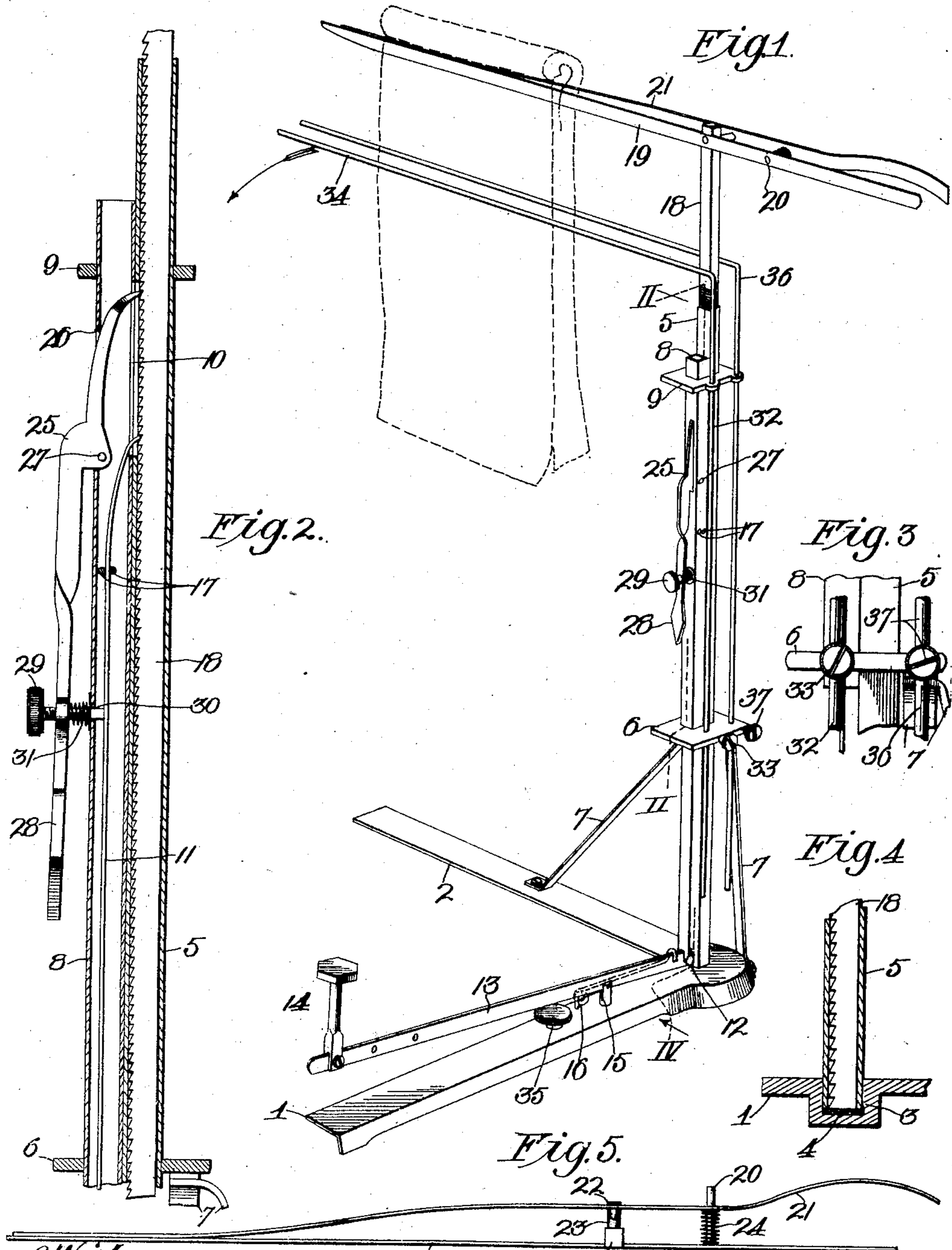
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PATENTED DEC. 17, 1907.

N. J. SCHLINGLOFF.

COPY HOLDER.

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UNITED STATES PATENT OFFICE.

NICHOLAS J. SCHLINGLOFF, OF MARION, KANSAS.

COPY-HOLDER.

No. 873,902.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, NICHOLAS J. SCHLINGLOFF, a citizen of the United States, residing at Marion, in the county of Marion and State of Kansas, have invented certain new and useful Improvements in Copy-Holders, of which the following is a specification.

This invention relates to copy-holders for the use of type-writing machine operators, and my object is to produce a device of this character which will reliably support a notebook or a single sheet of paper with equal effectiveness.

A further object is to produce a device of this character embodying an adjustable book or sheet support and a line indicator, and means for adjusting said support predetermined distances with respect to said line indicator so that the latter may be relied upon to indicate the proper line to be copied or transcribed.

A still further object is to produce means to enable the operator to effect the return of the support before or after it has been moved upward its full distance.

To these ends the invention consists in certain novel and peculiar features of construction and organization as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawing in which:

Figure 1 represents a perspective view of a copy-holder embodying my invention. Fig. 2, is an enlarged section taken in the vertical plane of the line II—II of Fig. 1. Fig. 3 is a side view of a part of the copy-holder. Fig. 4 is a vertical section on the line IV of Fig. 1. Fig. 5, is a plan view of the upper portion of the copy holder.

In the said drawing 1 indicates the side and 2 the rear arm of a right-angle-shape base of brass or other suitable material and adapted to rest upon a table or support with arm 1 contiguous to and parallel with the right-hand side of a typewriting machine, and arm 2 parallel with and contiguous to the rear side of such machine. At its corner the base is preferably provided with a depressed or socket-portion 3, and fitting in said socket and resting upon a cushion 4 therein, is a tube 5, of rectangular form in cross-section. Secured to said tube at a suitable height is a plate 6 connected by braces 7 to the base as shown or in any other suitable manner.

8 indicates a tube fitted against the front

side of tube 5 and secured in such relation by plate 6 and a second plate 9 also secured to tube 5, and said tubes are provided in their engaging walls with a slot 10 through which projects the upper end of a resilient dog 11, extending down through tube 8 and pivotally engaged as at 12 with a lever 13 provided with a key or handle 14 at its front end and pivoted at a suitable point to a stud 15 rising from the base, a spring 16 secured to the base holding the rear end of the lever yieldingly depressed, and consequently the upper end of the dog at the lower end of slot 10. It will be noted that said dog near its upper end is disposed between pins 17 which serve to guide it in its reciprocatory movements hereinafter mentioned, and also as the fulcrum when it is desired to trip the dog from engagement with the rack-bar 18 slidingly arranged in the tube 5.

Secured to the rack-bar 18 is a horizontal bar 19 arranged parallel with the arm 2 of the base, and projecting rearwardly from bar 19 at the right-hand side of the rack-bar, is a pin 20 which extends through a clamping lever 21 loosely mounted as at 22 on the rivet by which bar 19 is secured to the rack-bar, a short sleeve 23 being mounted on said rivet to offer proper resistance to the pivotal movement of the clamping lever, the right-hand end of said lever forming the handle and its left-hand end the jaw to clamp a sheet of paper against bar 19 or to cooperate with the latter in supporting and holding open a stenographer's notebook, the arrangement being such that the sheet or notebook is held above and just to the rear of the typewriting machine. To hold the clamping lever in operative relation to bar 19, a spring 24 is preferably interposed between said parts and fitted on pin 20.

To secure the support constituted by parts 18, 19 and 21, at the desired elevation, I provide a pawl 25, the same projecting into tube 8 through opening 26 thereof and also through slot 10 and being pivoted at 27 to said tube.

28 indicates the stem of the pawl, the same depending at the front side of tube 8, and carrying a set-screw 29 extending through an opening 30 in tube 8 and engaging the front face of dog 11, the expansive spring 31, fitting on said screw and interposed between tube 8 and stem 28, holding the pawl yieldingly in the path of the rack-bar, so that when the operator depresses key 14 and

thereby through the instrumentality of dog 11, raises the sheet or book-carrying support, the pawl will permit such movement, but will automatically reengage the rack-bar as the upward movement of the latter ceases and thus prevent it from dropping.

32 indicates a vertical rod journaled in plates 6 and 9 and held at the desired height by set-screw 33 mounted in plate 6 and engaging the rod with sufficient pressure to prevent it slipping downward by gravity but not to prevent it from being turned by hand, the rod being provided at its upper end with a horizontal arm 34 to extend transversely across the face of the sheet of paper or notebook to act as a line indicator, that is to indicate to the operator whether the matter above or below the arm, as the case may be, has been copied or transcribed. After each line has been copied or transcribed the operator operates key 14 and thus raises the support and hence the sheet or book a certain distance, this distance corresponding to the distance between the lines of the copy, and in order to permit the copy to be raised the said distance each time by the operation of said key, a set-screw 35 is mounted in the base below the key lever 13 for the purpose of arresting the latter after it has moved the required distance, the spring 16 returning the key-lever and pawl 11 to their original position immediately the pressure is removed from the key.

The leaves of the book may be readily turned when supported above the line indicator. If not thus elevated the line indicator can be swung to the right as indicated by the arrow, Fig. 1, to permit one or more leaves to be turned, and then returned to its original position. When a new leaf of the book is presented while the support is elevated, it is necessary to restore the latter to its original position in order to permit the top line or line containing matter to be copied or transcribed, to register with the line indicator. To accomplish this pressure is applied upon screw 29, the effect of such pressure being to swing pawl 26 out of engagements with the rack-bar, and to also withdraw dog 11 from engagement with the rack-bar, the said dog fulcruming under such pressure, on the rear pin 17. As the pawl and dog are thus withdrawn, the holder drops down to its original position, the rack-bar striking upon the cushion 4 which thus softens the impact and eliminates the noise which would be produced by the forcible engagement of two hard substances.

36 indicates a right-angle-shape rod mounted in plates 6 and 9 and supported therein so as to be turned by the pressure of the operator's hand, by a set-screw 37 corresponding to set-screw 33; said set screw engaging the rod with sufficient friction to prevent it sliding downward accidentally. The

angle rod 36 is intended to be disposed rearwardly of the notebook or sheet to prevent the same from blowing back and forth or prevent a previously used page from blowing back in front of the page from which the copy is being made. Said retainer will likewise prevent the last sheet from turning back in the event that the paper is stiff or resilient.

From the above description it will be apparent that I have produced a copy-holder which embodies the features of advantages enumerated as desirable in the statement of the object of the invention, and it is to be understood that I reserve the right to make such changes as properly fall within the spirit and scope of the invention.

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

1. A copy-holder, comprising a vertical tube having a slot in its front side, a second vertical tube secured against the front side of the first and provided with a registering slot, a support, having a vertical rack-bar fitting slidably in the firstnamed tube, a key-lever suitably arranged, a resilient dog pivoted at its lower end to said lever and extending up into said second tube and projecting through the slot of the same and of the first tube and engaging said rack-bar, and means to trip said dog from engagement with the rack-bar.

2. A copy-holder, comprising a base, a vertical tube mounted thereon and provided with a slot, a second tube having a registering slot, a spring-actuated pawl pivotally carried by the second tube and held yieldingly projected through said slots, a rack-bar fitting slidably in the firstnamed tube and engaged by said pawl, a copy-holding means carried at the upper end of said rack-bar, a key lever mounted on the base, and a dog pivoted to said lever and extending up into the second tube and through said registering slots and yieldingly engaging the rack-bar.

3. A copy-holder, comprising a base, a vertical tube mounted thereon and provided with a slot, a second tube having a registering slot, a spring-actuated pawl pivotally carried by the second tube and held yieldingly projected through said slots, a rack-bar fitting slidably in the firstnamed tube and engaged by said pawl, a copy-holding means carried at the upper end of said rack-bar, a key-lever mounted on the base, a dog pivoted to said lever and extending up into the second tube and through said registering slots and yieldingly engaging the rack-bar, and means for simultaneously tripping the pawl and the dog from engagement with the rack-bar.

4. A copy-holder, comprising a base, a vertical tube mounted thereon and provided with a slot, a second tube having a registering slot, a spring-actuated pawl pivotally

carried by the second tube and held yieldingly projected through said slots, a rack-bar fitting slidably in the firstnamed tube and engaged by said pawl, a copy-holding means 5 carried at the upper end of said rack-bar, a key-lever mounted on the base, a dog pivoted to said lever and extending up into the second tube and through said registering slots and yieldingly engaging the rack-bar, means 10 for simultaneously tripping the pawl and the dog from engagement with the rack-bar, and a cushion carried by the base plate and underlying the rack-bar.

5. A copy-holder, comprising a vertical 15 tube having a slot in its front side, a second vertical tube secured against the first and provided with a registering slot, a support having a vertical rack-bar fitting slidably in the firstnamed tube, a key-lever suitably ar- 20 ranged, a resilient dog pivoted at its lower end to said lever and extending up into said second tube and projecting through the slot of the same and of the first tube and engaging said rack-bar, means to trip said dog 25 from engagement with the rack-bar, and an adjustable device mounted on the base to limit the depression movement of the key.

6. A copy-holder, comprising a vertical 30 tube having a slot in its front side, a second vertical tube secured against the first and provided with a registering slot, a support having a vertical rack-bar fitting slidably in the firstnamed tube, a key-lever suitably ar- 35 ranged, a resilient dog pivoted at its lower end to said lever and extending up into said second tube and projecting through the slot of the same and of the first tube and engaging said rack-bar, means to trip said dog from engagement with the rack-bar, and a 40 line indicator comprising a vertical portion bearing a rotatable relation to the tubes and an arm to extend transversely across the

front side of a note-book or sheet carried by the support.

7. A copy-holder, comprising a vertical 45 tube having a slot in its front side, a second vertical tube secured against the first and provided with a registering slot, a support having a vertical rack-bar fitting slidably in the firstnamed tube, a key-lever suitably ar- 50 ranged, a resilient dog pivoted at its lower end to said lever and extending up into said second tube and projecting through the slot of the same and of the first tube and engaging said rack-bar, means to trip said dog from 55 engagement with the rack-bar, a line indicator comprising a vertical portion bearing a rotatable relation to the tubes and an arm to extend transversely across the front side of a note-book or sheet carried by the sup- 60 port, and a retainer comprising a vertical portion bearing a journaled relation to the tubes and a horizontal arm to be disposed back of the book or sheet.

8. In a copy-holder, a vertical rack-bar, a 65 guide for the same, key-actuated means for elevating said rack-bar, spring-actuated pawl to catch and retain the rack-bar at the different points to which it is adjusted, a horizon- 70 tal bar secured to the upper end of the rack-bar, a spring-actuated clamping lever bearing a pivotal relation thereto and adapted to engage the same at one end, and means for tripping the pawl from engagement with the rack-bar and for simultaneously disposing 75 the rack-bar-elevating means in inoperative relation to said rack-bar to permit the same to drop.

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

NICHOLAS J. SCHLINGLOFF.

Witnesses:

ALMA HARRISON,
J. T. DICKERSON.