J. ROECKER, Jr.

FINGER GUARD PENHOLDER.

APPLICATION FILED JAN. 20, 1910.

979,801. Patented Dec. 27, 1910.

Fig. 1.

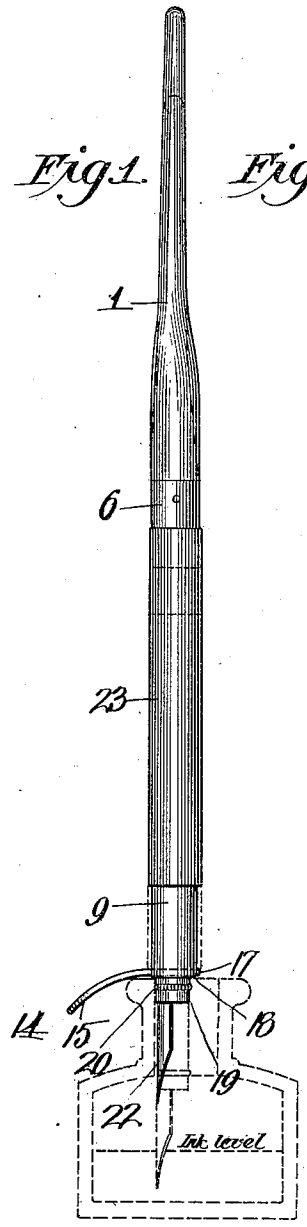


Fig. 2.

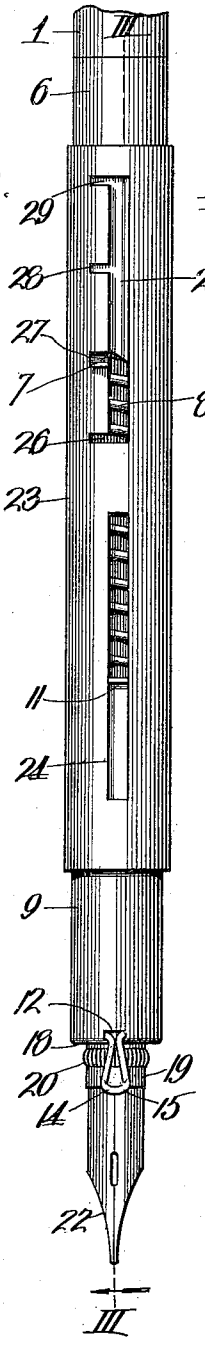


Fig. 3.

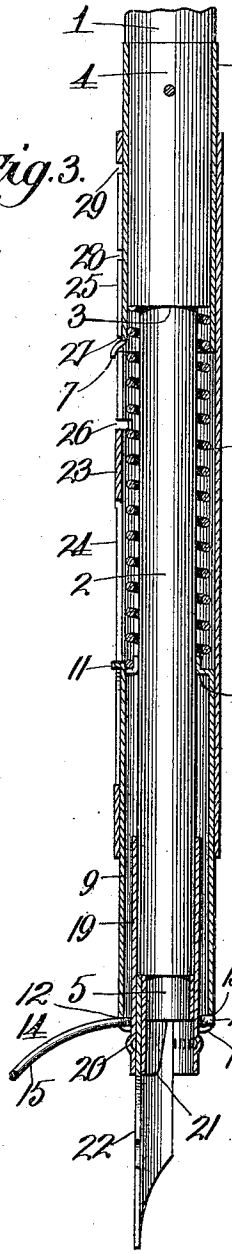


Fig. 4.

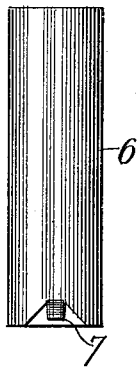


Fig. 5.

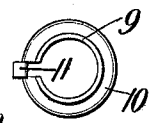
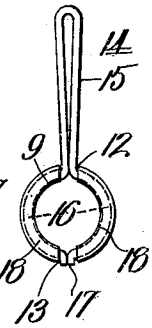


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

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FINGER-GUARD PENHOLDER.

979,801. Specification of Letters Patent. **Patented Dec. 27, 1910.**

Application filed January 20, 1910. Serial No. 539,156.

To all whom it may concern:

Be it known that I, JOHN ROECKER, Jr., citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Finger-Guard Penholders, of which the following is a specification.

This invention relates to penholders and more especially to penholders of that type exemplified in Letters Patent #574,405 granted to C. M. Dunbar and myself, Jan. 15, 1897, having a finger guard back of the pen and of such form that when the latter is inserted in an ink well, it will engage the top of the well and thus prevent that part of the holder gripped between the fingers of the writer from entering the well, and my object is to produce a penholder of the type outlined provided with means for regulating the distance which the pen can be projected in advance of the guard so as to adapt the holder for use in connection with ink wells of different depths or in ink wells containing different quantities of ink, it being desirable to so limit the advance movement of the pen that it may not strike the bottom of the well and be injured through such contact, or take up sediment from the bottom of the well and necessitate the frequent cleaning of the writing point.

A further object is to produce a guard which will direct and hold the pen adjacent the side of the well opposite from the writer and therefore out of contact with the opposite side upon which the pen may be frequently wiped as the pen is withdrawn from the well.

Another object is to produce a penholder of the character described, of simple, strong, durable, compact and cheap construction.

With these objects in view 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, is an elevation of a penholder embodying my invention, and also shows the same in the proper relation to an ink well when the pen is first introduced into the well and after it has been forced downward into the ink. Fig. 2, is an enlarged elevation of a penholder viewed at right angles to Fig. 1. Fig. 3, is a central vertical section taken on the line III—III of Fig. 2. Fig. 4, is a detail elevation of the anchoring sleeve of the holder. Fig. 5, is a view of the rear end of the guard-carrying sleeve of the penholder. Fig. 6, is a view of the front end of said guard-carrying sleeve.

In the said drawing, where like reference characters identify corresponding parts in all the figures, 1 indicates a penholder formed with a diametrically-reduced front portion 2, to provide a forwardly-disposed shoulder 3, the portion just back of shoulder 3, being preferably of slightly less diameter as at 4, than the adjacent end of the rear portion of the holder. The front extremity of the reduced portion 2, is also by preference slightly reduced diametrically as at 5.

6 indicates an anchoring sleeve secured rigidly as shown or otherwise on the portion 4, of the holder and projecting slightly forward of shoulder 3, and provided at its front end with an outwardly-projecting tongue 7.

8 is a helical spring fitting on portion 2 and bearing at one end against shoulder 3, and at such end fitting in sleeve 6, the opposite end of said spring, bearing against a slidable sleeve 9, surrounding portion 2. To reduce friction to the minimum it is preferred that the major portion of sleeve 9 shall fit loosely around portion 2 and be bent inward to snugly engage the said portion at its rear end, and form a rearwardly-disposed shoulder 10 against which the front end of the spring bears, and stamped out of the rear end of said slidable sleeve is an outwardly-projecting tongue 11.

The front end of the sleeve 9 is provided with diametrically opposite notches 12 and 13, notch 12 being preferably in longitudinal alinement with tongue 11, and secured to the front end of said sleeve is a finger guard 14. To produce said guard a piece of stiff wire is doubled and bent to constitute a curved arm 15 and a pair of oppositely-bowed semicircular ends 16, said ends together constituting a ring of size to fit snugly in the front end of said sleeve, the parts being so arranged that the arm 15 shall project forwardly and downwardly through the notch 12. The extremities of the oppositely-bowed portions 16 are turned outwardly at 17 through the notch 13, and then the ends of the sleeve at opposite sides of the notches

are crimped or bent inward as at 18, so as to retain the guard rigidly in the position described.

19 is a sleeve fitting tightly on portion 2 of the holder within the slidable sleeve 9, and projecting forwardly beyond the last-named sleeve and provided near its front end with an outwardly-swelled portion 20, to prevent forward sliding movement of said sleeve 9 under the pressure of spring 8.

21 is a short sleeve fitting tightly on the reduced portion 5, within the sleeve 19 and projecting inward the same distance as the latter by preference, the pen 22 being clamped firmly in position between the sleeves 19 and 21 and projecting forwardly beyond the same.

23 is an adjustment sleeve fitting snugly but slidingly on the anchoring sleeve 6 and the slidable sleeve 9 and provided with longitudinal slots 24 and 25, the former receiving the outwardly-projecting tongue 11 of sleeve 9. The slot 25 is provided with a plurality of offsetting notches, four being shown in this instance, said notches being numbered 26, 27, 28 and 29, either of which are adapted for engagement with the tongue 7.

If tongue 7 is in engagement with one of the notches of the adjustment sleeve, the latter is turned until the tongue occupies the slot 25 and is then slid longitudinally forward or rearward as desired. Assuming that the tongue is in engagement with notch 27 as shown, it will be apparent that the adjustment sleeve is locked to the anchoring sleeve and that if the pen is introduced into an ink well until the guard engages the top of the same and downward pressure is applied on the holder, the entire holder, except the guard-carrying sleeve 9 will move downward until the upper end of the slot 24 is arrested by the outwardly-projecting tongue of sleeve 9, the spring yielding to accommodate this movement. If the sleeve 23 is adjusted rearwardly so as to cause the notch 26 to engage the tongue 7, tongue 11 will be relatively advanced toward the front end of the slot 24, and thus permit the pen to be projected a greater distance in advance of the guard than before. If the sleeve 23 is adjusted so as to cause its notch 28 to engage the tongue 7, the tongue 11 will be moved relatively rearward in slot 24, and thus prevent the pen from being projected forwardly as far as in either of the cases mentioned. When the tongue 7 is in engagement with the notch 29, the tongue 11 is close to the rear end of slot 24 so that the pen point, when the parts are thus arranged, is capable of being projected beyond the guard its shortest distance.

It will be noticed by reference to Fig. 1 that when the pen is projected into an ink bottle, the guard by reason of its curved form, will, upon striking the upper edge of the bottle, slide outwardly and thus draw the pen near the wall of the bottle most remote from the writer, so that the adjacent part of the holder, shall not touch and be inked by the opposite wall of the bottle, as such wall is frequently coated with ink because the pen as it is drawn out of the bottle is scraped upon the upper end of the bottle and the side nearest the writer to avoid withdrawing an excessive quantity of ink. It will therefore be seen that the guard not only prevents that portion of the penholder which is gripped by the operator going into the bottle but it also eliminates chance of accidentally coating the front end of said part of the holder with ink which may have been wiped from the pen on the upper edge of the bottle at the side nearest the writer.

From the above description it will be apparent that I have produced a penholder of the character named which embodies the features of advantage enumerated in the statement of the object of the invention and which is susceptible of modification in various particulars without departing from the spirit and scope or sacrificing any of the advantages of the appended claims.

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

1. A penholder, comprising a body having a reduced front portion, an anchoring sleeve secured upon the body, a sleeve fitting slidably on the said reduced portion and provided with a guard at its front end and an outwardly-projecting tongue at its rear end, a spring surrounding said reduced portion and exerting a forward pressure on said slidable sleeve, a pen secured to the front end of the reduced portion and projecting forwardly beyond said guard, an adjustment sleeve fitting slidingly on the anchoring and slidable sleeves and provided with a longitudinal slot receiving the tongue of said slidable sleeve, and means for interlocking the adjustment sleeve and anchoring sleeve together.

2. A penholder, comprising a body having a reduced front portion, an anchoring sleeve secured upon the body and provided with a tongue, a sleeve fitting slidably on said reduced portion and provided with a guard at its front end and an outwardly-projecting tongue at its rear end, a spring surrounding said reduced portion and exerting a forward pressure on said slidable sleeve, a pen secured to the front end of the reduced portion and projecting forwardly beyond said guard, an adjustment sleeve fitting slidingly on the anchoring and slidable sleeves and provided with a longitudinal slot receiving the tongue of said slidable sleeve, and a second longitudinal slot having one or more offsetting notches; said slot and either of

said notches being adapted to alternately receive the tongue of the anchoring sleeve.

3. In a penholder, a sleeve provided at one end with diametrically opposite notches, a guard projecting outwardly unequal distances through said notches in opposite directions and provided between them with oppositely-bowed portions fitting in the sleeve, the latter having its front end at opposite sides of the notches bent inward upon said bowed portions to clamp the guard in place.

4. In a penholder, a sleeve provided at one end with diametrically opposite notches, a guard projecting outwardly unequal distances through said notches in opposite directions and provided between them with oppositely-bowed portions fitting in the sleeve, the latter having its front end at opposite sides of the notches bent inward upon said bowed portions to clamp the guard in place, the long arm of the guard curving forwardly.

5. A penholder, comprising a body portion having a diametrically reduced front portion, a sleeve fitting tightly on and projecting beyond the front end of said front portion and diametrically enlarged beyond said portion, a sleeve fitting on the front portion within the first-named sleeve, a pen clamped between said sleeves and projecting forwardly therefrom, an anchoring sleeve secured on the body of the holder and provided with a tongue, a slidable sleeve on the reduced portion of the holder and fitting upon the first-named sleeve rearward of the enlarged portion thereof and provided at its front end with a guard, and at its rear end with an outturned tongue, a helical spring surrounding the reduced portion of the holder and bearing at its rear end against the same and at its front end against the rear end of said slidable sleeve, an adjustment sleeve fitting slidingly on the slidable sleeve and slidably and rotatably on the anchoring sleeve and provided with a longitudinal slot receiving the tongue of the slidable sleeve and a longitudinal slot and offsetting notches for alternate engagement with the tongue of the anchoring sleeve.

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

JOHN ROECKER, Jr.

Witnesses:

Helen C. Rodgers,

G. Y. Thorpe.