

No. 675,923.

Patented June 11, 1901.

A. BERGMANN.

PENHOLDER.

(Application filed Sept. 7, 1900.)

(No Model.)

Fig. 1.

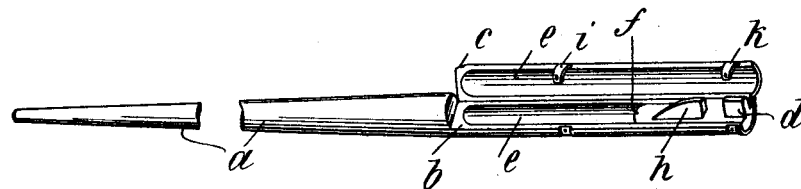


Fig. 2.

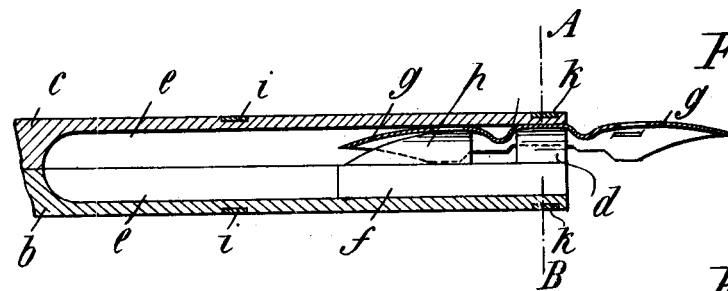


Fig. 3.

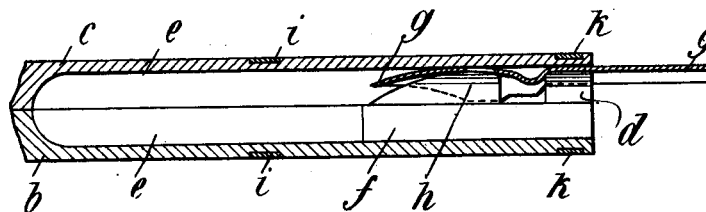


Fig. 4.

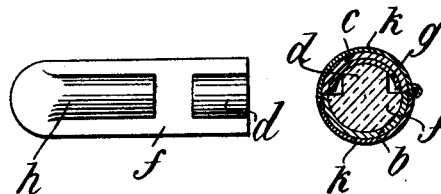
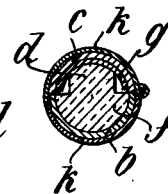


Fig. 5.



Witnesses:

Wm. H. H. H. H.
Wm. H. H. H. H.

Inventor:

Alexander Bergmann
by J. H. H. H. H.
Attorney

UNITED STATES PATENT OFFICE.

ALEXANDER BERGMANN, OF KÖRTINGSDORF, GERMANY.

PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 675,923, dated June 11, 1901.

Application filed September 7, 1900. Serial No. 29,290. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER BERGMANN, teacher, a subject of the German Emperor, residing at Körtingsdorf, near Hanover, in the German Empire, have invented new and useful Improvements in Penholders, of which the following is a specification.

The present invention relates to an improved penholder and double writing-pen to be used in connection therewith.

The objects aimed at by my invention are to enable the writing-pen, which may be an ordinary one or a double pen or a plurality of them, to be stored inside the holder with ease and to render same interchangeable and reversible in a simple manner.

Other objects of my invention are to simplify and cheapen the construction and to render more efficient, durable, and serviceable in employment this class of devices.

With these ends in view the invention consists in the novel combination, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the accompanying drawings, and then specifically defined in the appended claims.

Referring to the drawings which illustrate my invention, Figure 1 shows a perspective view of my improved penholder in its open position. Fig. 2 shows a longitudinal section through the end portion of the penholder, on an enlarged scale, in combination with my improved double pen ready for use. Fig. 3 is a view of the penholder similar to that of Fig. 2, in combination with an ordinary pen in inoperative position. Fig. 4 is a detail view of the india-rubber layer which serves to retain the position of the pen in the holder, and Fig. 5 represents a section on line A B of Fig. 2.

The thickened end of the penholder *a*, which is destined for the reception of the pen, is composed of two parts *b c*, provided with coinciding longitudinal grooves *e*, which render this end of the holder hollow when the two parts *b c* are closed. In the front portion of the cavity produced by the grooves *e* an india-rubber layer *f* is placed. The outer end of this india-rubber layer *f* is provided with a thickened portion *d*, semicircular in cross-section, or approximately so, in accordance with the transverse section of the writ-

ing-pen *g*. A second thickened portion *h*, shaped in accordance with the portion *d* and situated in line with and behind same, is provided on the india-rubber layer *f*. This second protuberance *h* inclines at its rear end toward the surface of *f*. The india-rubber layer *f*, with its protuberances *d* and *h*, fits and fills the front end of the hollow in the two parts *b* and *c* of the holder *a*.

The two parts *b* and *c* of the holder *a* are jointed together and adapted to be closed in the following manner: Around the external preferably semicircular surface of the two parts *b c* are laid in suitable annular grooves open metal hoops or rings *i k*, consisting of two parts, one for each of the two parts *b c*, which are pivoted together at the joint of the two parts *b c* by means of hinges *n*. That half of the rings *i k* which surrounds the part *b* of the holder *a* is provided adjacent to its free extremity with a hole, a stud or projection at the free extremity of the other half of the rings *i k* being adapted to engage the aforesaid hole, and thus close the rings *i k* and the two parts *b c*, respectively.

The second part of my invention refers to an improved duplicated or double writing-pen adapted for use with the hereinbefore-described holder. Instead of providing the nib or pen with one writing-point, as is customary, I provide both ends of the pen with writing-points, so that one nib can be employed where it was hitherto necessary to have two. This is of advantage when requiring two nibs for different inks, either copying or common ink or for use with colored inks, or the two writing-points of my improved nib or pin may be adapted for different writing—such, for instance, as thin and thick writing. I do not restrict myself to any particular construction of the writing-points or the shape of the nib, as obviously any well-known construction and shape of pens having the rear portion semicircular in cross-section may be employed. I have shown one way of constructing my improved writing-pen in Fig. 2, the employment of which is obviously the customary one.

To use my improved penholder, I either push the pen into the cavity in the holder *a* when the two parts *b c* are closed between the protuberance *d* and the part *c* or I open the

two parts *b* and *c* and place the pen with its rear portion when employing an ordinary nib or with its intermediate portion when employing one of my hereinbefore-described
5 nibs on the protuberance *d*, whereupon the two parts *b* and *c* are closed again by forcing the hole in one half of the hoops *i k* over the stud on the other half of said hoops. The elastic nature of the protuberance *d* or of
10 the layer or filling *f*, respectively, retains the pen constantly in proper position by pressing the pen against the part *e* of the holder *a*.

When the penholder with the pen therein is not required for use, I may reverse the pen
15 in its position when using an ordinary pen, as shown in Fig. 3. This is easily effected by opening the two parts *b* and *c* of the holder *a*. I may also reverse the pen when using one of my improved duplicated pens, so as
20 to render the second point ready for use. The pens used with my improved penholder may also be placed within the cavity of the holder *a* behind the filling *f* when they are not required for use, or a small stock of pens may
25 be kept for future use in said cavity.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a penholder the combination of two parts *b* and *c*, hinged together and adapted

to be closed by means of divided hoops *i* and *k* longitudinal coinciding grooves in the meet-
30 ing surfaces of the aforesaid two parts to afford a cavity for the storage of pens when the two parts are closed and a suitably-shaped filling for the front end of the cavity serving
35 to retain the position of the nib when same is in use, substantially as described and shown.

2. In a penholder the combination of the top portion of the holder, consisting of two parts *b* and *c*, hinged together, of divided
40 hoops *i* and *k* as means for closing the two parts *b* and *c*, of longitudinal coinciding grooves in the meeting surfaces of the aforesaid two parts, to afford a cavity for the stor-
45 age of pens when the two parts are closed, and of a suitably-shaped filling *d* of elastic material at the front end of the cavity, serving to retain the position of the nib when same
50 is in use, substantially as described and shown and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALEXANDER BERGMANN.

Witnesses:

LEONORE RASCH,
C. C. STEVENSON.