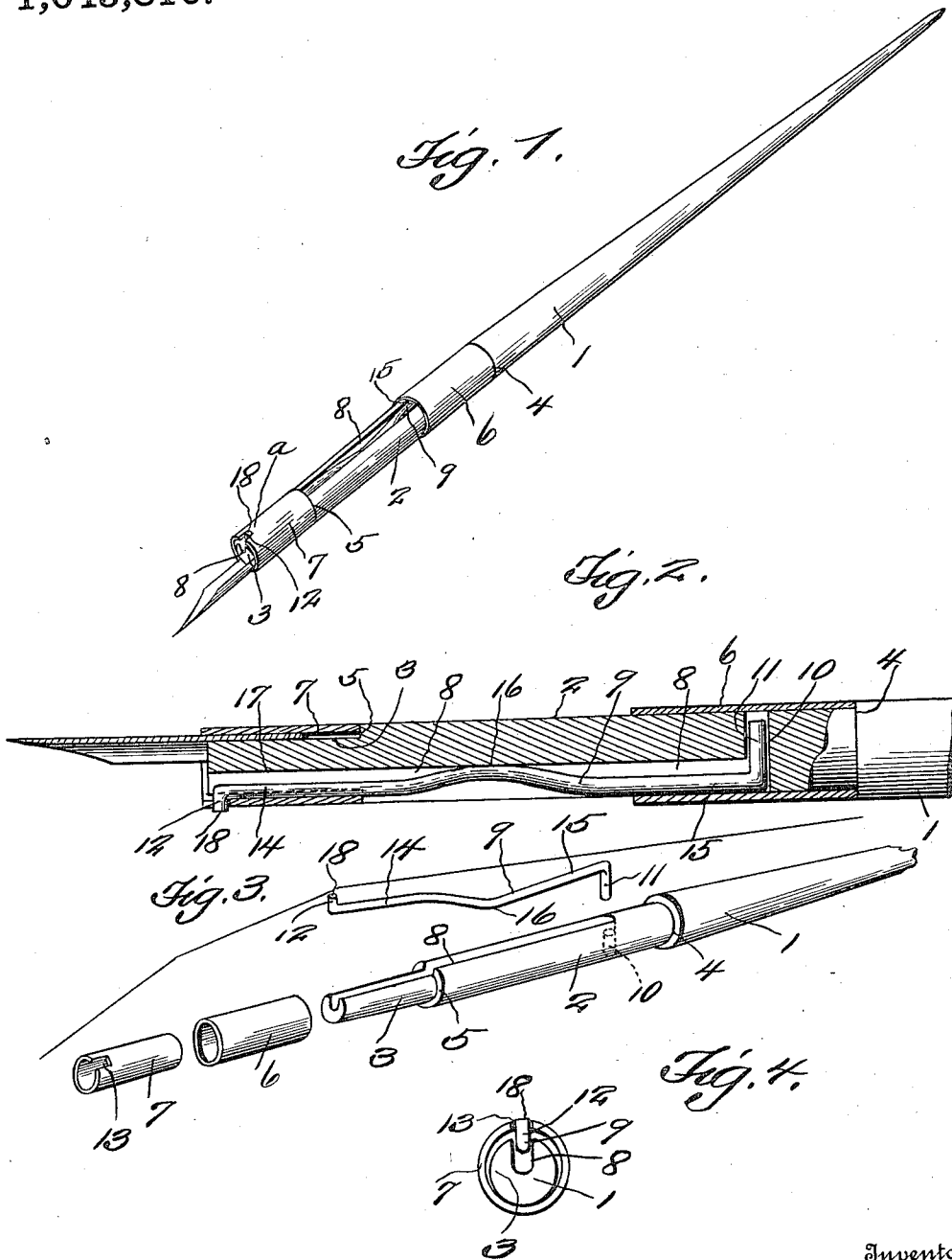


G. F. BRINKERHOFF.
PENHOLDER.
APPLICATION FILED FEB. 23, 1912.

1,045,810.

Patented Dec. 3, 1912.



Witnesses

Francis P. Maxwell,
H. E. Clements.

Inventor
G. F. Brinkerhoff.

D. Swift & Co.

Attorneys

UNITED STATES PATENT OFFICE.

GEORGE F. BRINKERHOFF, OF CUYAHOGA FALLS, OHIO.

PENHOLDER.

1,045,810.

Specification of Letters Patent.

Patented Dec. 3, 1912.

Application filed February 23, 1912. Serial No. 679,336.

To all whom it may concern:

Be it known that I, GEORGE F. BRINKERHOFF, a citizen of the United States, residing at Cuyahoga Falls, in the county of Summit and State of Ohio, have invented a new and useful Penholder; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a new and useful pen-holder.

It is the aim of the invention to provide a pen-holder, in which novel, essential and desirable features of construction exist.

The principal feature of construction is the provision of a holder having a groove at one end, to receive a resilient rocking spring, one end of which is provided with a right angled extending portion to penetrate the holder, there being a pair of bands, one to hold the right angled extending portion in the holder, while the other is fitted telescopically on the holder, and held in place by a lug of the spring, so as to constitute means to receive a pen point between its inner circumference and the holder. The end of the spring having the lug is under tension when the pen point is inserted between the inner circumference of one of the bands and the holder. The lug of the spring engages a notch in the band that holds the pen point. The band that receives the pen point fits a reduced portion of the holder, which reduced portion is smaller in diameter than the inner circumference of the band, so that the band may be yieldably wobbled, in order to remove the pen point.

The invention comprises further features in combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a view in perspective, showing the improved pen-holder constructed in accordance with the invention. Fig. 2 is a longitudinal sectional view through the holder. Fig. 3 is a view showing the several parts of the holder in perspective and disassembled. Fig. 4 is an end view of the end of the pen-holder, that receives the pen point.

Referring to the drawings 1 designates the stem of the holder, the upper portion of which may be any desired shape or configuration. The lower portion of the stem terminates in two reduced portions 2 and 3, thus forming the shoulders 4 and 5. The

reduced portions receive the sleeves or bands 6 and 7. The band 6 contacts with the shoulder 4, while the band 7 contacts with the shoulder 5. It will be noted that the band 6 may telescope over the band 7, in order to dispose it in its proper position.

A groove 8 is formed in the reduced portions of the stem, and almost extend to the shoulder 4. This groove 8 is designed for the reception of the rocking spring member 9, the normal shape of which is shown in Fig. 3. The reduced portion 2 of the stem near the shoulder 4 is provided with a transverse aperture 10 adjoining the groove 8. This aperture 10 receives the right angled extending end portion 11 of the rocking spring member 9. The sleeve or band 6 holds the right angled extending portion of the spring member in the aperture 10.

The reduced portion 3 of the stem is considerably smaller in diameter than the diameter of the inner circumference of the sleeve 7, so that the sleeve 7 may telescope loosely thereon. The lower free end of the spring member 9 terminates in a lug 12, which enters a notch 13 of the lower periphery of the sleeve or band 7.

The portions 14 and 15 are bent or distorted at slight angles to one another, at the point 16, which acts as a fulcrum, when assembling the several parts of the pen-holder.

When assembling the several parts, the spring member 9 is first arranged in the groove, with the right angled portion 11 disposed in the aperture 10. By holding the portion 14 of the spring member 9 in contact with the surface 17 of the groove, the end 18 of the lug 12 will be flushed with the outer circumference of the reduced portion 3, thereby making it possible to telescope the sleeve or band 7 over the reduced portion 3. After the spring member 9 and the sleeve or band 7 have been so assembled, the sleeve or band 6 is then extended telescopically over the sleeve 7, to fit the reduced portion 2, and in contact with the shoulder 4. When the sleeve or band 6 is so arranged, the portion 15 and the right angled extending portion 11 are depressed in the groove and the aperture 10, as will be noted, so as to rock the spring member 9 upon its fulcrum 16, which will throw the lug 12 in engagement with the notch 13 of the sleeve 7, thereby anchoring the sleeve 7 in place. The fact that the portion 11 extends through the aperture 10 and

the lug 12 is seated in the notch 13, the band or sleeve 7 cannot be removed from the stem, until the band or sleeve 6 is first removed, or until the portion 14 (which, when all the
5 parts of the pen-holder are assembled, constitutes a spring) is depressed, so as to free the lug 12 from the notch 13.

To remove the pen point pressure may be applied at the point *a*, which will throw the
10 opposite portion of the band 7 outwardly from the pen point, and by holding the pen-holder vertically, the pen point will drop from between the band 7 and the reduced portion 3. When the band or sleeve 7 is so
15 depressed, the portion 14 of the spring member 9 is placed under tension. By first removing the sleeve or band 6, the spring member 9 and the band 7 may be removed, which will permit the several parts to be
20 cleaned.

The invention having been set forth, what is claimed as new and useful is:—

1. In combination, a pen-holder stem having a longitudinal groove, a rocking spring
25 member seated in the groove, with one end penetrating the stem, means for anchoring the penetrating end, and means anchored on the stem by the spring member to hold a pen point to the stem.

30 2. A pen-holder comprising a stem, a band, a spring adapted to clamp said band against the pen, the band having a notch formed in its outer end, and means on said spring engaging said notch for preventing
35 displacement thereof.

3. A pen holder of the class described, comprising a stem, a reduced portion adapted to receive a band, a spring adapted to press said band against a pen, said spring
40 being so constructed as to prevent outward movement of said band.

4. In a pen holder, a stem, a band removably mounted on one end and adapted to abut against a shoulder formed integrally with the stem, a spring connected with said
45 stem with one end, and adapted to engage said band with the other end for exerting pressure against said pen, the outer end of said spring being adapted to prevent displacement of said band.

50 5. In combination, a pen-holder stem, a spring member embedded longitudinally therein so that its free ends may have slight movements, means for anchoring one end of the spring in place, the other end of the
55 spring member terminating in a lug, and a sleeve fitted to the stem and provided with a notch to receive the lug, the sleeve constituting means to receive a pen point and clamped against the stem.

60 6. In combination, a pen-holder stem terminating at one end in two reduced portions each having adjoining shoulders, the reduced portions having a groove with an adjoining
65 opening at one of its ends, a spring member seated in the groove and provided with a right angled extending end to enter the opening, a sleeve to hold the right angled extending end in the opening, the spring
70 member having its other end terminating in a lug, and a sleeve fitted on one of the reduced portions and provided with a notch to receive the lug, for holding a pen point to the stem.

In testimony whereof I have signed my
75 name to this specification in the presence of two subscribing witnesses.

GEORGE F. BRINKERHOFF.

Witnesses:

JOSIAH BUNN,
F. E. Fox.