

No. 703,293.

Patented June 24, 1902.

F. McINTYRE.

PENHOLDER.

(Application filed Feb. 14, 1902.)

(No Model.)

Fig. 1.

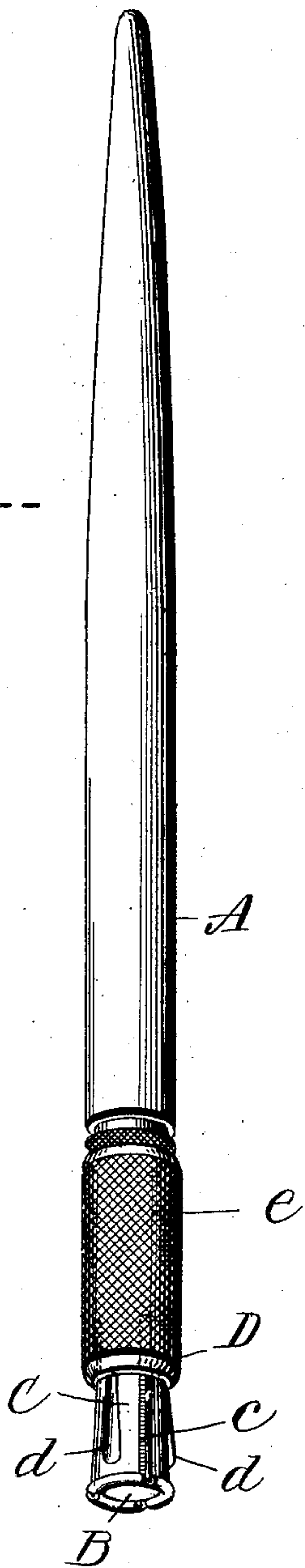


Fig. 2.

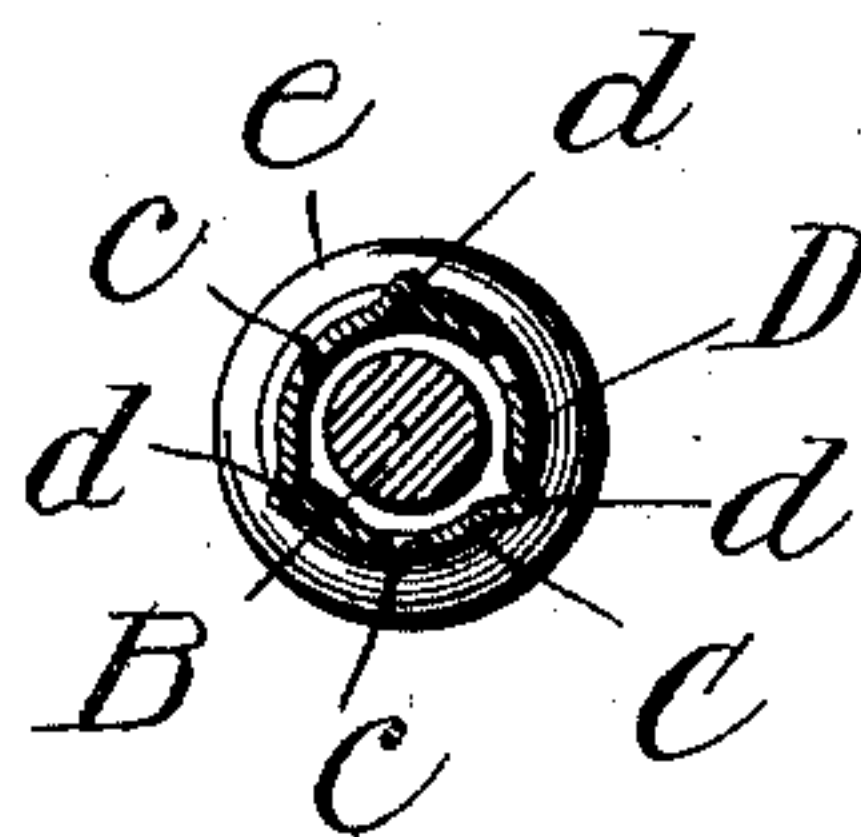
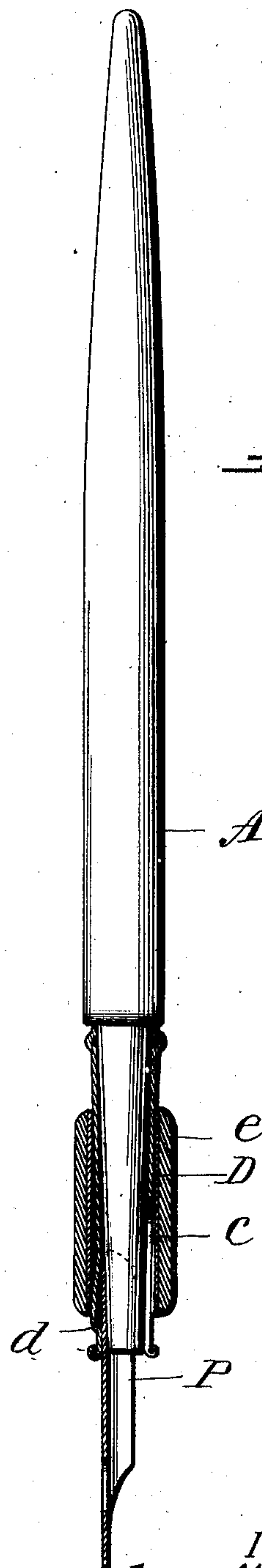


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

FRANK McINTYRE, OF NEW YORK, N. Y., ASSIGNOR TO EAGLE PENCIL COMPANY, OF NEW YORK, N. Y.

PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 703,293, dated June 24, 1902.

Application filed February 14, 1902. Serial No. 94,092. (No model.)

To all whom it may concern:

Be it known that I, FRANK McINTYRE, a citizen of the United States, and a resident of New York, in the borough of Bronx and State of New York, have invented a new and useful Improvement in Penholders, of which the following is a specification.

My invention is directed to a penholder embodying certain improved features, which will first be described in connection with the drawings accompanying and forming part of this specification and will then be more particularly pointed out in the claim.

In the said drawings, Figure 1 is a perspective view of the penholder with the "grip-sleeve" retracted. Fig. 2 is a longitudinal axial section of the penholder with the pen inserted and the grip-sleeve pushed forward. Fig. 3 is a cross-section of the penholder on line 3 3, Fig. 1.

A is the pen-handle, and B is the tip or tenoned front end of the same. Upon this tenoned end is fastened the slit sheet-metal tube C, between which and the tenon B the pen P is inserted. The slits *c* extend from the front end of the tube for a portion only of its length, leaving the rear portion of the tube unslitted, thus dividing the tube into a number of spring yielding tongues, between which and the tip B the pen is inserted. The front end of the tube is flared to facilitate the entrance of the pen. Upon the front portion of tube C are struck up longitudinally-tapering swells or inclines *d*, which gradually increase in height from rear to front, there being one of these swells *d* on each longitudinal division of the tube C.

Surrounding the tube C is the grip-sleeve or that portion of the penholder which is grasped between the fingers when the penholder is in use, said grip-sleeve consisting of the sheet-metal tube D, provided with a

sheath *e*, of rubber, cork, or other "antinervous" material, so as to furnish a suitable grip. The grip-sleeve is used also as a means to clamp the pen in place, for which purpose the tube D is longitudinally movable on tube C. When the grip-sleeve is pushed forward, as in Fig. 2, it will ride over the inclines *d*, and thus will close the divisions of the tube C upon the tip B and clamp in place the pen P. The grip-sleeve can be pushed forward a greater or less distance upon these inclines, according to the size and dimensions of the pen-shank, and thus the holder can readily take and hold any size of pen. The length of the tube C between the inclines *d* in front and the shoulder in rear, against which the grip-sleeve brings up when drawn back, is such that when the grip-sleeve is retracted it will clear the inclines *d*, as seen in Fig. 1.

I am aware that longitudinally-split sheet-metal tubes in penholders and other articles have been encircled by sliding clamping rings or bands, and this I do not claim; but

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

The described penholder, consisting of the tip B, the longitudinally-slit sheet-metal tube C secured to and surrounding said tip, and provided with the swells or inclines *d*, and the grip-sleeve mounted on and movable lengthwise of the tube C, and consisting of the sheet-metal tube D and the antinervous sheath or cover *e*, these parts being constructed and arranged together for joint operation as herein shown and set forth.

In testimony whereof I have hereunto set my hand this 13th day of February, 1902.

FRANK McINTYRE.

Witnesses:

SAMUEL KRAUS,
P. H. BUCKMASTER.