No. 862,579. PATENTED AUG. 6, 1907.

O. MUSSINAN.

POCKET OR DESK IMPLEMENT.

APPLICATION FILED SEPT. 29, 1906.

Fig. 1.

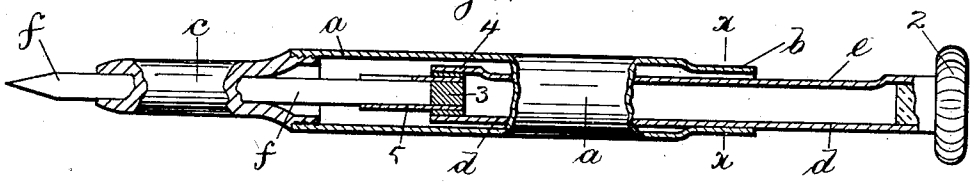


Fig. 2.

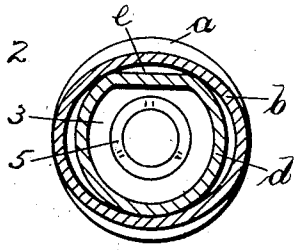


Fig. 3.

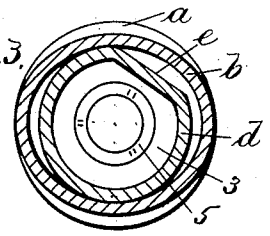


Fig. 4.

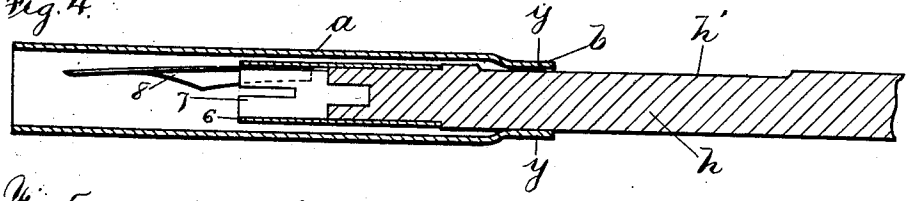


Fig. 5.

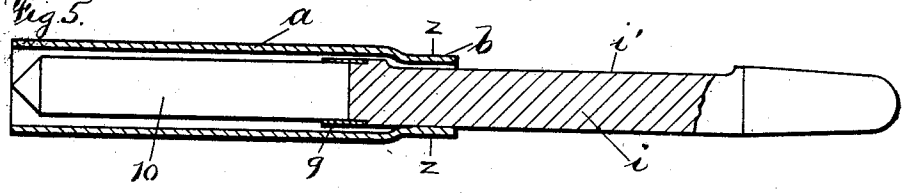
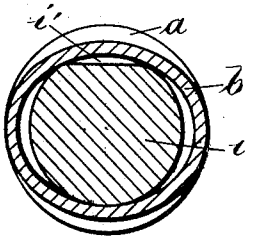


Fig. 6.



WITNESSES

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UNITED STATES PATENT OFFICE.

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POCKET OR DESK IMPLEMENT.

No. 862,579. Specification of Letters Patent. Patented Aug. 6, 1907.

Application filed September 29, 1906. Serial No. 336,736.

To all whom it may concern:

Be it known that I, OSCAR MUSSINAN, a citizen of the United States, residing at Arverne, borough of Queens, New York city, State of New York, have invented an Improvement in Pocket or Desk Implements, of which the following is a specification.

My invention relates broadly to a telescoping structure, the parts of which as is thereby implied,—are longitudinally movable and adjustable one within another and the construction of the same is such that the parts are adapted to be gripped or bound together in any longitudinal position by a slight revoluble movement and while my present invention is capable of numerous applications, I prefer to show and describe the same as embodied in a pencil, penholder, or other pocket or desk implement.

Heretofore pocket or desk implements, such for instance as pencils, penholders, erasers or other similar utensils, have been made and provided with devices for protecting the actual working parts when not in use; for example, pencils have been made with a sheath or body portion adapted to receive lead or working parts, the body portion being closed at one end and provided at the other end with a screw clamp or other head, in and by which the lead may be adjusted to the desired position and gripped. Pencils have also been made with a sheath or casing fitted with telescoping pull and push members for advancing a lead holding member to its working position and retracting the same to a position in which the lead is protected within the sheath. Penholders too have been provided with caps or covers adapted to protect the pen and particularly the nibs thereof when not in use, and erasers, paper cutters and various other pocket or desk implements have been similarly provided with means for protecting the working parts thereof.

My present invention as embodied in a pocket or desk implement, results in a simply constructed pencil, penholder or other similar utensil, in which the working part or member may be easily adjusted to and secured in its working position and as readily adjusted to and secured in its non-working or protected position within a suitable sheath or casing, and in carrying out my invention, I employ a sheath or casing as the member adapted to be gripped by the hand in the use of the implement, a telescoping member movable longitudinally and revolubly within the said casing and adapted in one revoluble position to be adjustable to any longitudinal position within the said casing and in other revoluble positions to bind a portion of the said casing to secure these parts together, a working member and means for connecting the working member with the said slidable telescoping member as will hereinafter be more particularly described.

In the drawing, Figure 1 is a central longitudinal section and partial elevation of a lead pencil embodying my present invention. Fig. 2 is a cross section on line *x*, *x*, Fig. 1. Fig. 3 is a cross section showing the inner or telescoping member turned to engage a portion of the casing to bind the members together. Figs. 4 and 5 are central longitudinal sections illustrating modifications of my invention and Fig. 6 is a cross section on either line *y*, *y*, Fig. 4, or line *z*, *z*, Fig. 5. Figs. 2, 3 and 6 are made on an enlarged scale.

Referring to the drawing and particularly to Figs. 1, 2 and 3, *a* designates a sheath or casing which may be made of any suitable material and which for the greater part of its length is cylindrical in cross section. One end *b* of the casing *a* is of reduced cross section and moreover is made elliptical in outline. Secured to or integral with the opposite end of the casing *a* is a head or tip *c*. *d* designates a telescoping member which may also be made of any suitable material and whose ends are both circular in cross section and in one of which a knurled thumb piece 2 is secured and in the other is a plug 3 or other means adapted to receive and securely hold in position a gripping member 5 by which a lead *f* is held. This telescoping member *d* is provided longitudinally with a flattened portion indicated at *e* preferably extending from a point adjacent to one end thereof to a point similarly adjacent to the other end thereof. Now the relation of the hereinbefore described parts is such that the minor inside diameter of the elliptical end *b* of the casing *a* is less than the major diameter of the telescoping member *d*, so that in one position,—that is to say,—when the line through the center of the telescoping member passing centrally through the flattened portion thereof is in line with the inner minor diameter of the elliptical end *b*, the telescoping member *d* is readily movable within the casing *a* and inasmuch as the lead *f* is adapted to pass through the tip *c*, it will be apparent that the same by moving the telescoping member *d* may be adjusted to any position with its end or point outside of the tip *c* to the working position or within the tip *c* on the casing *a* to the non-working or protected position. It will further be manifest that in any longitudinal position, the casing *a* and the telescoping member *d* may be secured together by imparting a slight rotation to the parts in either one direction or the other, in doing which the flattened portion of the telescoping member will be turned from the position shown in Fig. 2 to that shown in Fig. 3, thereby causing a portion of the surface of the telescoping member *d* to engage the inner surface of the elliptical end *b* of the casing *a*, tending to force the same from its elliptical to a circular position, whereby the said parts are bound together by a frictional grip. Moreover as the exterior major diameter of the telescoping member *d* is slightly greater than the minor inner diameter of the elliptical end *b*, it will be apparent that the telescoping member may be entirely withdrawn from the cas-

ing *a* by forcing the end 4 of the telescoping member through the elliptical end *b*, but that in view of this relationship, the parts will not normally become separated.

Referring to Figs. 4 and 5, wherein I have illustrated my invention as embodied in a penholder and eraser, *a* is a sheath or casing and *b* its reduced end of elliptical outline.

In Fig. 4, *h* designates the shank of the penholder whose end as is customary, is provided with a socket comprising a sleeve 6 and an internal split member 7, between which the shank of a pen 8 is adapted to be received and secured in position. A portion of the penholder shank *h* is provided with a flattened portion *h'* and the relationship of these parts to the casing *a* and its reduced elliptical end is similar to that hereinbefore described in connection with the pencil, making the same both longitudinally movable and adjustable in such positions, that the pen may be adjusted to a working position without the casing and secured in position or retracted to its protected position within the casing *a* and there secured.

Referring particularly to Fig. 5, *i* designates a shank, one end of which is provided with a sleeve 9 adapted to receive an eraser 10, which may be secured within the casing *a* or moved therefrom to a working position by means of the adjustment of the shank *i* which is provided with a flattened portion *i'* similar to that provided in the like members hereinbefore described.

While I have shown and described my present invention as applied to a pencil or other pocket or desk implement, I do not wish to be understood as limiting myself to any such application as the same is capable of other applications without departing from the nature and spirit of my invention.

I claim as my invention:

1. A pocket implement comprising telescoping and revoluble members longitudinally movable and adjustable one within another and adapted in one revoluble position to be moved longitudinally and freely one within another and in other revoluble positions to be frictionally held together.

2. A pocket implement comprising two members revolubly and longitudinally movable and adjustable the one within the other and adapted in one revoluble position to be moved longitudinally and freely the one within the other and in the other revoluble positions to be frictionally held together.

3. A pocket implement comprising an exterior member and an interior member revolubly and longitudinally movable and adjustable in said exterior member and adapted in one revoluble position to be freely moved longitudinally within the exterior member and in other revoluble positions to bind a portion of the said exterior member to secure the parts together.

4. A pocket implement comprising an exterior member and an interior member revolubly and longitudinally movable and adjustable in said exterior member and adapted in one revoluble position to be freely moved longitudinally within the exterior member and in other revoluble positions to bind a portion of the said exterior member to secure the parts together, a working member and means for connecting the working member with the said interior member.

5. A pocket implement comprising a casing, a telescoping member movable longitudinally and revolubly within said casing and adapted in one revoluble position to be freely movable longitudinally in the casing and in other revoluble positions to bind a portion of the said casing to secure the parts together, a working member and means for connecting the working member with the said telescoping member.

6. A pocket implement comprising a casing having a cylindrical body portion and an elliptical end, a telescoping member movable longitudinally and revolubly within the said casing and of irregular cross section and adapted in one revoluble position to be freely movable longitudinally in the casing and in other revoluble positions to bind a portion of the said casing to secure the parts together, a working member and means for connecting the working member with the said telescoping member.

7. A pocket implement comprising a casing having a cylindrical body portion and a reduced elliptical end, a telescoping member having a longitudinally flattened portion passing through and longitudinally and revolubly adjustable with the same and adapted in one revoluble position to be moved freely through the said reduced elliptical end of the casing and in other revoluble positions to bind the same to secure the parts together, a working member and means for connecting the working member with the said telescoping member.

Signed by me this 24th day of Sept. 1906.

OSCAR MUSSINAN.

Witnesses:
GEO. T. PINCKNEY,
BERTHA M. ALLEN.