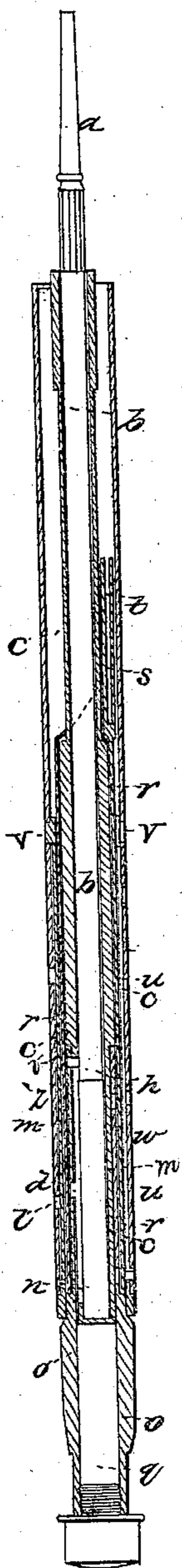


*D. T. Warren.*  
*Pencil Case.*

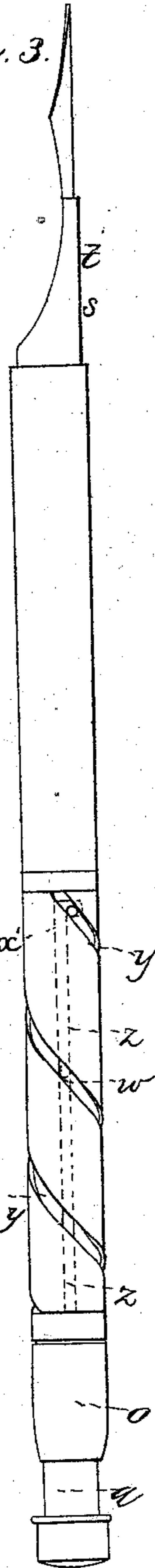
*N<sup>o</sup> 55,966.*

*Patented Jun. 26, 1866.*

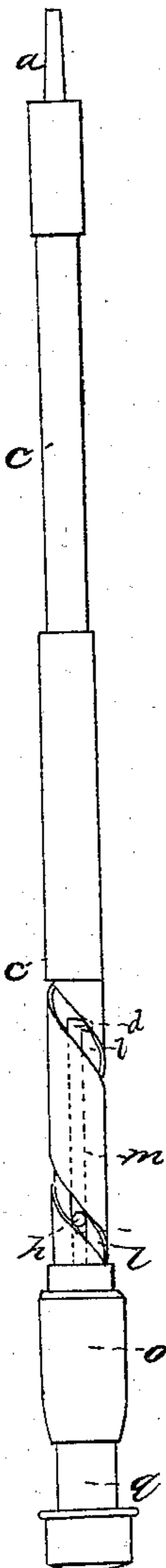
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



*Witnesses.*

*Flus Dns Ch*  
*J M Corington*

*Inventor.*

*D. T. Warren*  
*By Raymond H. B.*  
*Att'y.*

# UNITED STATES PATENT OFFICE.

D. T. WARREN, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND AMEDEE SPADONE, OF THE SAME PLACE.

## PENCIL-CASE.

Specification forming part of Letters Patent No. 55,966, dated June 26, 1866.

*To all whom it may concern:*

Be it known that I, DORMAN T. WARREN, of the city, county, and State of New York, have invented new and useful Improvements in Pencil-Cases; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention consists in arranging within a pencil-case a lead and pen holder in such a manner that by turning certain portions or sections of the case, suitably constructed therefor, in the proper directions either one or the other, or both, can be thrown out or drawn into the case, according as may be desired.

In accompanying plate of drawings my improvements are illustrated, but on an enlarged scale, so as to more fully show them—

Figure 1 being a central section of the pencil-case taken in the direction of its length, with the lead-holder thrown out of the same; Fig. 2, a side view of a portion of the case, showing the parts thereof by which the lead-holder is operated; Fig. 3, a similar view of the operating parts for the pen-holder.

*a a* in the drawings represent a lead-holder made of the usual form and style and secured to one end of a shaft, *b*, inserted within a concentric tube, *c*, made of the same or of sufficient length that it will allow the shaft *a*, with its lead-holder, to be entirely inclosed within or incased by the same, in the upper portion of which tube, and extending for a portion of its length, is a straight slot, *d*, in which moves and slides a stud or pin, *h*, upon the outside of the shaft *a*, which stud also engages with the spiral-shaped slot *l*, made or cut and extending in the direction of the length of the loose sleeve *m*, placed upon and over the upper part, *n*, of the incasing-tube *c*, so that by turning said sleeve to the right or left the lead-shaft is made to travel in or out of its incasing-tube, as is evident without further explanation.

The sleeve *m* extends over the end of the shaft *a* at that part of the same to and upon which it is placed, and is slightly enlarged, as shown at *o* in the drawings, so as to allow the parts for operating the pen-holder of the

pencil-case to be more conveniently arranged, and has in its outer end a box, *q*, for the reception and holding of "leads" suitable for the lead-holder of the pencil-case.

*r* is another concentric tube, placed loosely upon and over the above-described devices composing the parts for operating the lead-holder, in the lower end, *s*, of which a holder, *t*, is formed, suitable for receiving a writing-pen of any of the ordinary styles, which tube at its upper portion, *u*, is incased within another concentric tube, *v*, having a straight slot, *w*, formed in the same and in the direction of its length, through and in which slot a pin, *x*, of the pen-tube *r* plays, and also in the longitudinal spiral-shaped slot *y* of the loose sleeve *z*, incasing and covering the next inner concentric tube, *v*, so that by turning the said sleeve to the right or left the pen-tube is made to travel in or out of its incasing-tube, as the case may be, thus drawing in or throwing out the pen-holder thereof from the lower end of the pencil-case.

This sleeve *z* extends from the enlarged portion of the other and inner sleeve, *m*, toward the lower end of the pencil-case, and for one-half, or nearly so, of its entire length, and its spiral-shaped slot, as well as that of the sleeve *m*, is to be made of sufficient length and twist to enable the requisite movements in and out of the pencil-case to be given to their respective "holders."

The pencil-case constructed as above explained is then properly incased within any suitable outer covering made of gold, silver, or other metal or material, and of any desired style of finish and shape, as in ordinary pencil-cases.

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

The arrangement of the lead-holder *a*, shaft *b*, tube *c*, straight slot *d*, stud or pin *h*, loose sleeve *m*, with its enlargement *o*, spiral slot *l*, tube *r*, pen-holder *t*, tube *v*, straight slot *w*, pin *x*, spiral slot *y*, and loose sleeve *z*, as and for the purpose set forth.

The above specification of my invention signed by me this 5th day of August, 1865.

DORMAN T. WARREN.

Witnesses:

WM. DEAN OVERELL,  
C. L. E. TOPLIFF.