J. M. Clark.

Pen & Pencil Holder.

No. 56,007. Patented Jul. 3, 1866.

Fig. 6

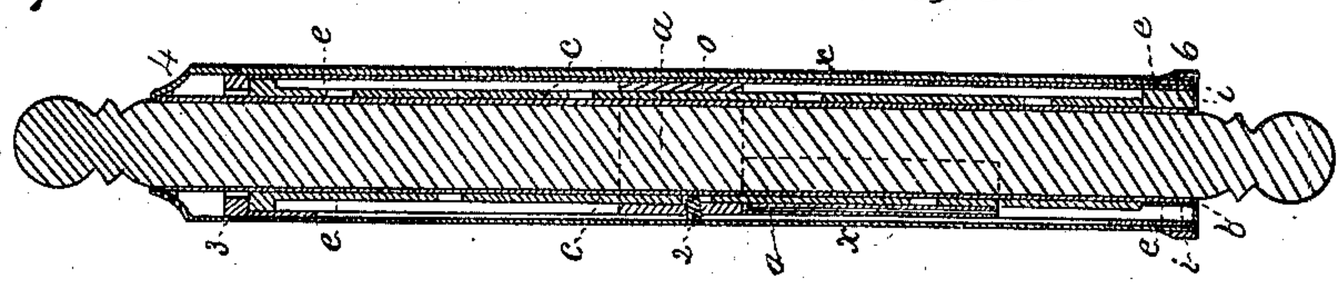

Fig. 5

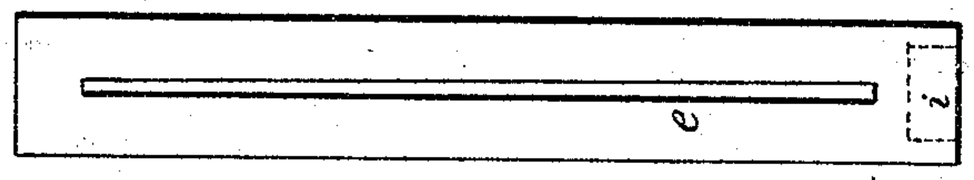

Fig. 7

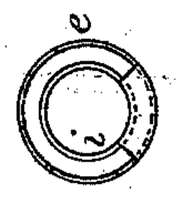

Fig. 4

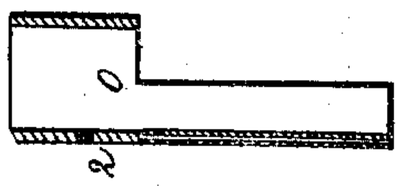

Fig. 3

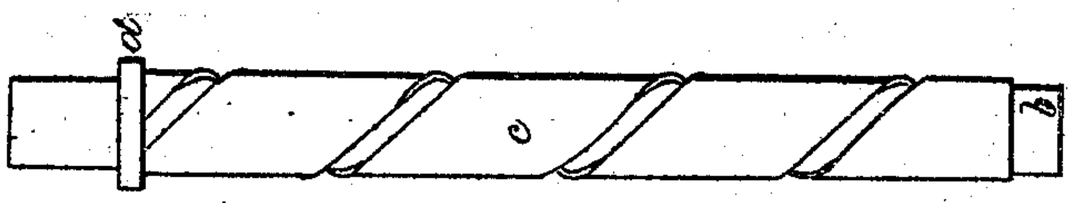

Fig. 2

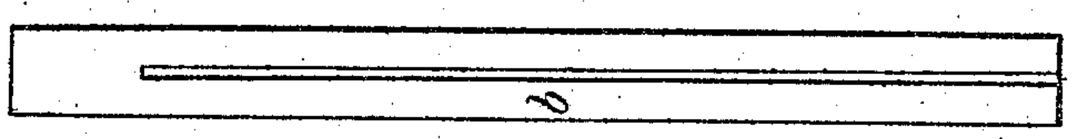

Fig. 1

Witnesses

S. G. C. Mountain

Chas H. Smith

Inventor

Jas M. Clark

UNITED STATES PATENT OFFICE.

JAMES M. CLARK, OF JERSEY CITY, NEW JERSEY.

PEN AND PENCIL HOLDER.

Specification forming part of Letters Patent No. **56,007,** dated July 3, 1866.

To all whom it may concern:

Be it known that I, JAMES M. CLARK, of Jersey City, in the county of Hudson and State of New Jersey, have invented, made, and applied to use a certain new and useful Improvement in Pen-Holders; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is an elevation of the pencil that is to be introduced within the pen-case. Fig. 2 is an elevation of the slotted inner tube of the pen-case. Fig. 3 is an elevation of said slotted inner tube with the screw-tube around it. Fig. 4 is the pen-socket separately. Fig. 5 is the tube that comes outside the pen-socket; and Fig. 6 is a vertical section of the pen-holder with a solid stick or handle, taking the place of the pencil shown in Fig. 1.

The same letters refer to like parts, and the figures of the drawings show the pen-case enlarged for greater clearness.

Pens have heretofore been projected by a screw-tube acting within the case upon the pen-socket, and in some instances the pencil has been projected by a reverse movement from that which projects the pen. In this case the outer tube (generally very thin because made of costly metal) is liable to become bent and dented, because it is not supported by the parts on the inside. This disfigures the case and prevents the pen being projected.

In other instances the pencil has been projected by a screw and the pen slid out by a ring outside, having pins passing through a slot into the pen-socket. This external case is much weakened by the slot and the ring is liable to become loose.

The nature of my invention consists in a longitudinally-slotted tube, tightly filling and sustaining the external ornamental case, in combination with a screw-tube peculiarly fitted and acting upon the pen-socket which surrounds the said screw-tube. Thereby the slot of the tube within the case guides the pen-socket as it is moved out and in by the rotation of the inner screw-tube, and I support said inner screw-tube by a second longitudinally-slotted tube, within which is an extension-handle, which may also contain a pencil, and by a pin working in said slot the handle and screw-tube are moved together when the parts are rotated for screwing the pen in or out.

In the drawings, *a* is the extension-handle, which may be made of metal to contain an "ever-pointed" pencil of any desired construction, or as a solid handle of india-rubber, ebony, ivory, or other material. In this handle *a* is a pin taking the longitudinal slot in the inner tube, *b*. Around this inner tube, *b*, is a screw-tube, *c*, Fig. 3, soldered, so that they support each other and move together. At one end of the tube *c* is a collar, *d*, that fits within the exterior slotted tube, *e*, and at the end of this slotted tube *e* a short ring, *i*, is supported centrally by a connection at one side, as seen in Fig. 7. This ring *i* guides the tube *b c* at one end and the collar *d* at the other end, leaving a space between *c* and *e* for the pen-socket *o*, which is formed with a band surrounding the screw *c*, so as to steady the said pen-socket and prevent it becoming loose.

A pin is screwed through the thick metal composing the band of the pen-socket, as at 2, and the inner end of the said pin enters the groove of the screw-tube *c*, and the outer end is guided by the longitudinal slot in the tube *e*. By this means the pen-socket can be projected or retracted by the rotation of the screw-tube *c*, and the parts are strong, durable, and not liable to become injured.

The end of the tube *e* receives a small collar, as at 3, to keep the tube *c* from drawing out, or the end of *e* might be turned inward over the end of the collar *d*.

The tube *e* is ornamented by a thin case, *x*, drawn over it. This may be of metal or hard rubber, and being cylindrical, without any groove, the case is rendered strong by the tube *e* and case *x* supporting each other as they set together closely, and, with a metal case, may be soldered together.

A ring-cap, 4, attached to the end of the tube *b*, forms an ornamention at this end of the pencil, and a collar, 5, at the end of the tube *x*, ornaments and strengthens the end of the pen-case at that end where the pen-case is projected.

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

The slotted tube *e*, with its ring *i*, in combination with the screw-tube *c*, attached to the tube *b* and acting upon the pen-socket *o*, introduced between the tubes *c* and *e*, in the manner and for the purposes set forth.

In witness whereof I have hereunto set my hand and signature this 10th day of May, A. D. 1866.

JAS. M. CLARK.

Witnesses:

T. G. C. MOUNTAIN,

CHAS. H. SMITH.