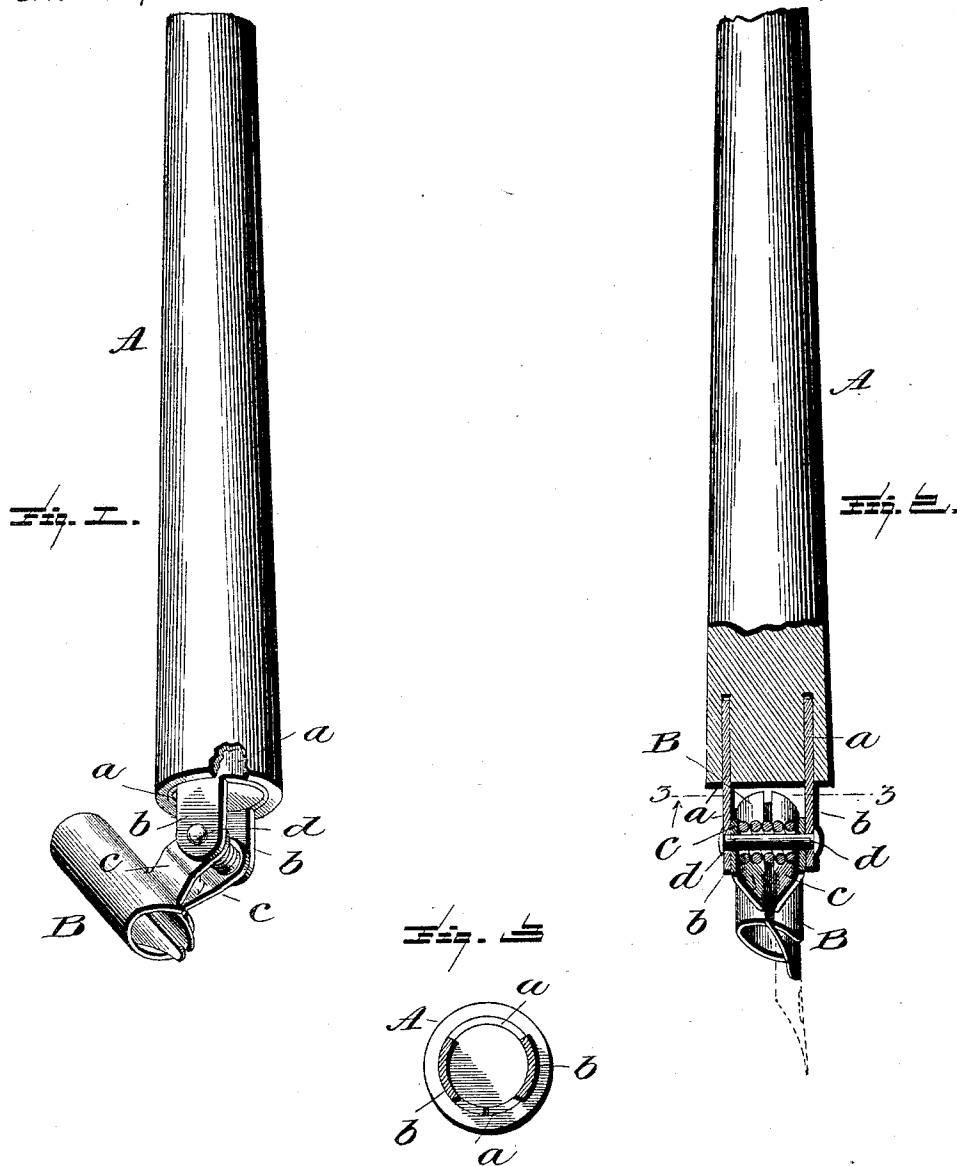


(No Model.)

F. McINTYRE.
PEN HOLDER.

No. 462,446.

Patented Nov. 3, 1891.



Witnesses
L. C. Hills.
Wm. H. Bates.

Inventor
Frank M. McIntyre
by *Marcellus Bailey*
his Attorney

UNITED STATES PATENT OFFICE.

FRANK MCINTYRE, OF NEW YORK, N. Y., ASSIGNOR TO THE EAGLE PENCIL COMPANY, OF SAME PLACE.

PEN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 462,446, dated November 3, 1891.

Application filed July 25, 1891. Serial No. 400,664. (No model.)

To all whom it may concern:

Be it known that I, FRANK MCINTYRE, of the city, county, and State of New York, have invented a new and useful Improvement in Pen-Holders, of which the following is a specification.

My invention relates to that kind of pen-holder in which the holder proper is hinged to the handle in such manner that it can be set at any angle desired with respect to the latter. Such a pen-holder, broadly considered, is not new.

My invention resides in the particular construction and arrangement of parts devised by me and hereinafter described for the purpose first above stated.

In the drawings accompanying this specification, Figure 1 is a perspective view of the complete pen-holder. Fig. 2 is a front elevation of the pen-holder with part of the handle removed. Fig. 3 is a horizontal axial section of the pen-holder.

The handle A is of any ordinary or suitable construction. In this instance it is a solid wooden handle. In the front end of the handle is formed an annular groove or slit, in which is inserted and tightly held a sheet-metal tube or barrel *a*, provided at its outer end with ears *b*, between which are received clips *c* of the holder proper B. A pin or rivet *d* passes through the ears and clips. It is fast to the ears, and upon it the clips *c* of the holder can turn. Between the clips and surrounding the pivot-pin *d* is confined a stout spiral spring, which presses the clips forcibly outward against the ears *b*, and in this way I form for the holder B a friction-joint by which

it will be firmly held and maintained in any position to which it may be adjusted by hand.

The device as a whole is simple, cheap, and efficient. Its parts are readily made and put together. I further remark that, so far as I am informed, in most if not all of the pen-holders in use to-day which have a holder set obliquely to the handle the holder, whether hinged or not, is secured to the handle by a fin or flange inserted and held in a slot which is cut in one side of the handle and extends either only part way through the handle or wholly through to the other side of the handle. Any such construction, involving the slitting of the exterior of the handle at or near the point where the fingers take hold of it, is avoided by me. The only slot in the handle is the annular slot or groove in its front end, into which the barrel or tube *a* is driven. The ears *b* extend beyond the front end of the handle, and the holder is secured to these ears and not directly to the handle.

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

A pen-holder consisting of a handle having ears, which project from the front end of the handle and are held there by a device inserted or driven in the front end of the handle, and a holder proper, which is hinged to said ears by a friction-joint, all as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK MCINTYRE.

Witnesses:

A. SCHIFF,
EDWARD N. GRANT.