

(No Model.)

E. TYRRELL.
LEAD OR CRAYON HOLDER.

No. 394,146.

Patented Dec. 4, 1888.

FIG. 1.

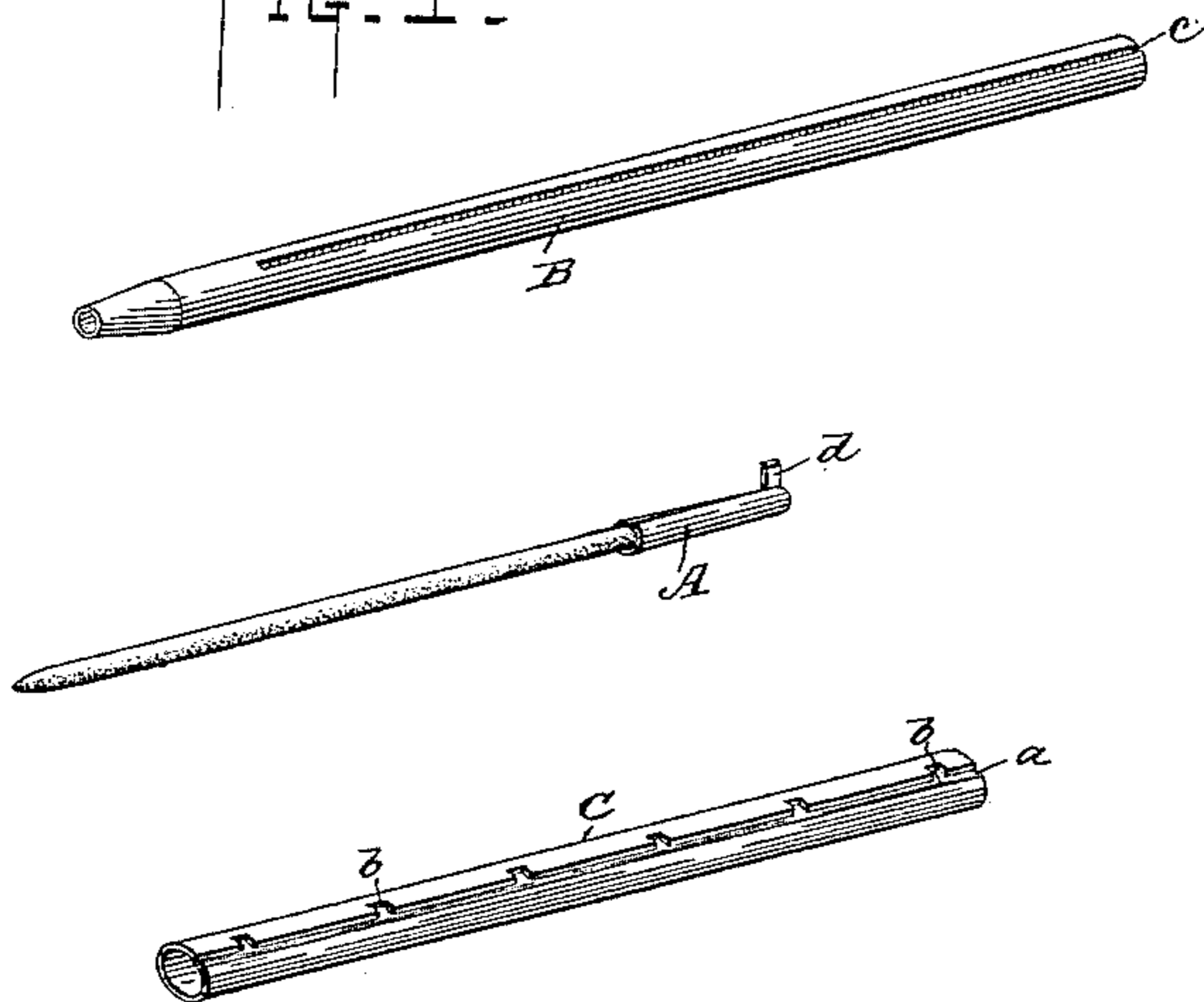


FIG. 2.

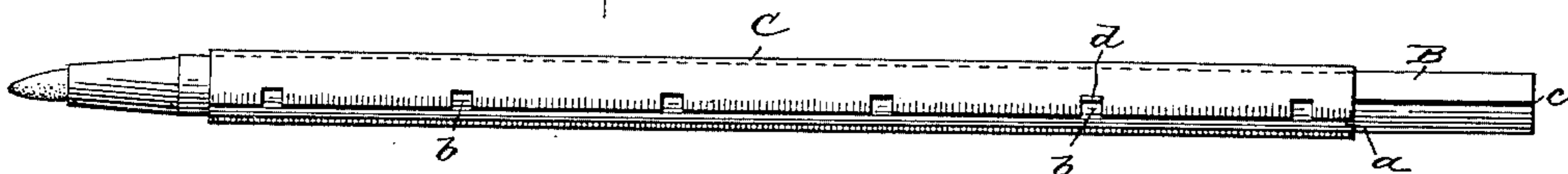


FIG. 3.

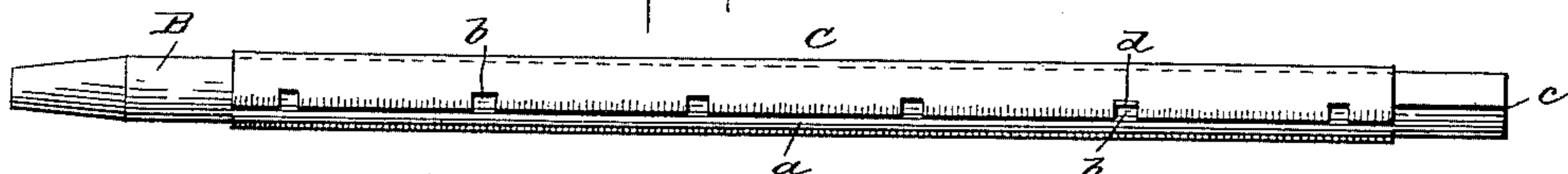
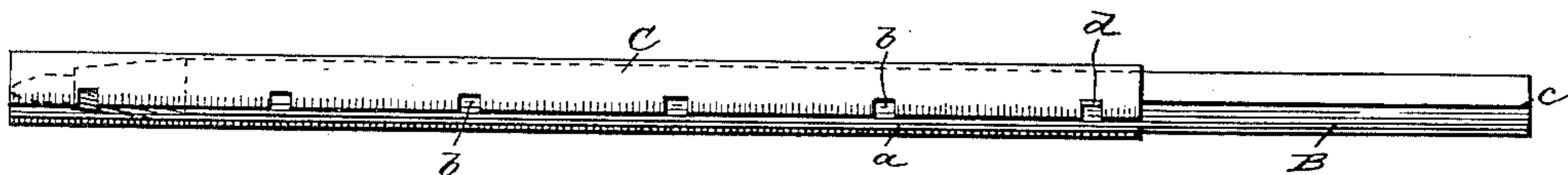


FIG. 4.



WITNESSES.

E. D. Smith
W. L. A. D. A.

INVENTOR.

Edward Tyrrell.
by Marcus Bailey
his attorney

UNITED STATES PATENT OFFICE.

EDWARD TYRRELL, OF BROOKLYN, ASSIGNOR TO THE EAGLE PENCIL COMPANY, OF NEW YORK, N. Y.

LEAD OR CRAYON HOLDER.

SPECIFICATION forming part of Letters Patent No. 394,146, dated December 4, 1888.

Application filed September 27, 1888. Serial No. 286,580. (No model.)

To all whom it may concern:

Be it known that I, EDWARD TYRRELL, of Brooklyn, in the State of New York, have invented a certain new and useful Improvement in Lead or Crayon Holders, of which the following is a specification.

My invention is directed to a simple and economical form of lead or crayon holder, in which the lead can readily be advanced and retracted, and in which the point of the lead can be easily covered and protected when not in use.

My invention can best be explained and understood by reference to the accompanying drawings, in which—

Figure 1 represents in perspective the three parts of which the holder is composed detached from one another. Fig. 2 is an elevation of the completed holder with the point of the pencil exposed and in condition for use. Fig. 3 is a like view of the holder with the sheath pushed forward so as to cover the point of the pencil. Fig. 4 is a like view of the holder with the lead and the sheath retracted bodily and together far enough within the external case or handle to conceal the point of the lead.

The holder consists, essentially, of three parts, viz: A lead-carrier, A, a sheath, B, and an external case or handle, C.

The handle C is tubular, and is made preferably of japanned sheet metal. It is provided with a longitudinal slot, *a*, on one edge of which are notches *b*. This holder can readily be made from a strip of sheet metal bent into tubular form, and this is the construction represented in the drawings.

The sheath B can be made of any suitable material. I prefer to make it of wood. Its general shape is that of an ordinary wooden lead-pencil with the same sharpened end, and it is of a size externally to fit snugly and with some little friction in the handle C, in which it can both slide and rotate.

The sheath is tubular for the reception of the lead and lead-carrier, and is longitudinally slotted, as at *c*, from its rear end to a point near its front end, the slot extending into the bore of the sheath. That portion of the bore of the sheath between the rear and front ends of the slot *c* is of a size to receive

the lead-carrier. That portion of the bore which is in the unslotted portion of the sheath—that is to say, that portion between the front end of the slot and front end of the sheath—is of smaller size and adapted to fit snugly around the lead only.

The carrier A is a sheet-metal tube or socket which receives the end of the lead or crayon. It is provided with a fin or lug, *d*, which is intended to project through the slot in the sheath and into the slot in the handle. This lug is of such length that it will fit closely in any one of the notches in the external handle or sheath, and when thus engaged with any one notch it will prevent longitudinal movement of the lead-carrier with respect to the holder.

In fitting the parts together the lead-carrier and its attached lead are inserted into the sheath from the rear end thereof, and then the sheath is inserted into the handle or case, the lug *d* projecting through the slot in the sheath into the slot in the external handle.

In Fig. 2 the sheath has been turned so as to carry the lug into one of the notches of the handle, the lead being in such position that its point protrudes a proper distance beyond the sheath for writing purposes. With the parts in this position, the handle is ready for use, the lead being locked to the handle, which is the part held by the user. If, now, it be desired to cover the point of the lead, this can be effected without moving the latter by simply pushing forward the sheath, as indicated in Fig. 3; or, if desired, the sheath can be given a slight movement of rotation from the position in Fig. 2, so as to bring the lug out of the notch, and then both sheath and carrier can be retracted within the handle bodily and together until the lug comes opposite the notch next in the rear, when a slight turn of the sheath in the contrary direction will suffice to lock the parts in a position in which the point of the lead will be retracted in the handle, as seen in Fig. 4.

Having described my invention and the manner in which the same is or may be carried into effect, what I claim as new, and desire to secure by Letters Patent, is—

A lead or crayon holder comprising the ex-

ternal longitudinally-slotted and notched case
or handle, the longitudinally-slotted tubular
sheath adapted to slide and rotate in said
handle, and the lead-carrier contained and
5 longitudinally movable in the sheath and
provided with a fin or lug which extends
through the slot in the sheath into the slot in
the handle, substantially as and for the pur-
poses hereinbefore set forth.

In testimony whereof I have hereunto set to
my hand this 25th day of September, 1888.

EDWARD TYRRELL.

Witnesses:

SAMUEL KRAUS,
EMIL BEROLZHEIMER.