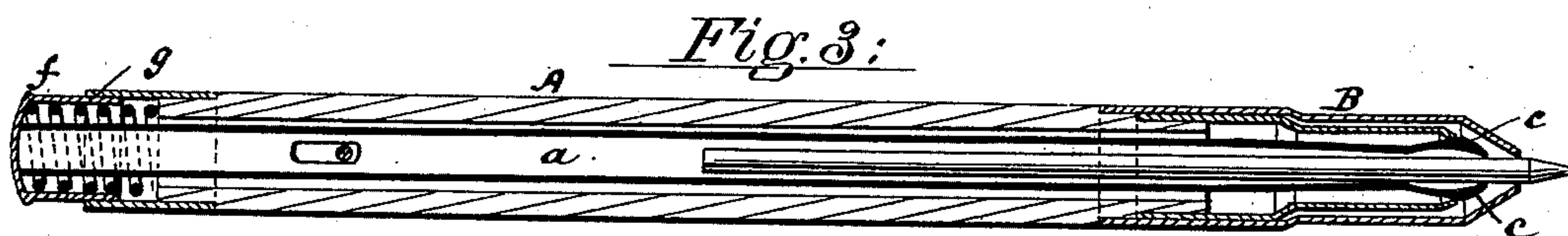
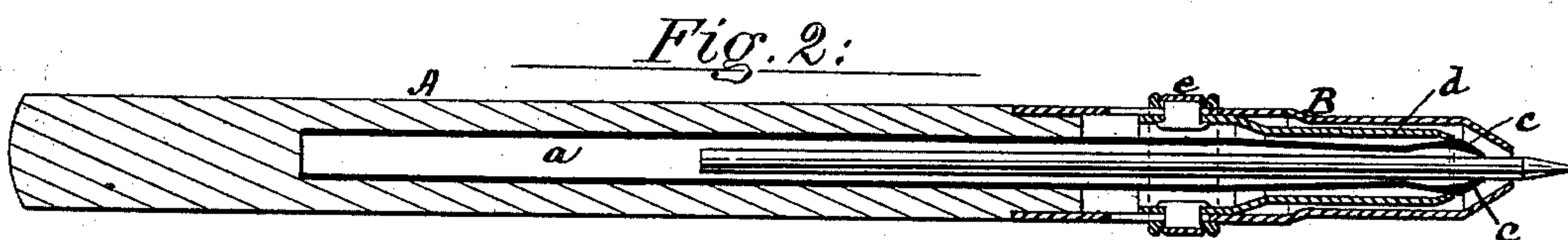
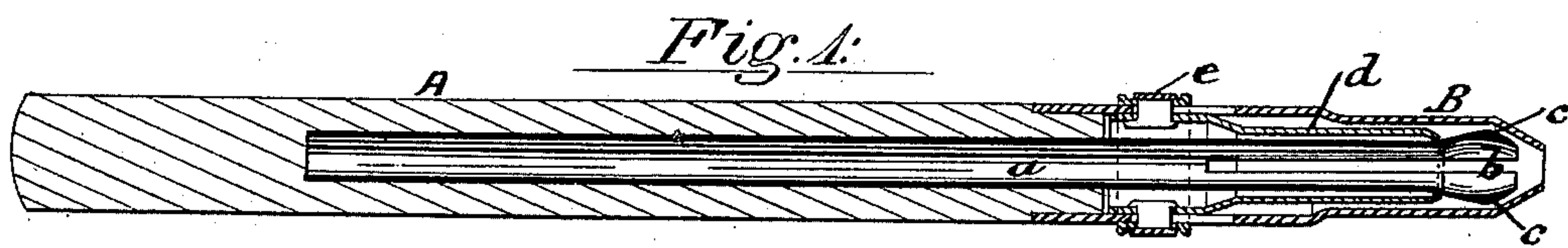


H. FRASER.
Lead and Crayon Holder.

No. 223,498.

Patented Jan. 13, 1880.



Witnesses:

Georgio
E. A. Dick

Inventor:

Harry Fraser,
by M. Bailey
his Atty.

UNITED STATES PATENT OFFICE.

HARRY FRASER, OF NEW YORK, N. Y.

LEAD AND CRAYON HOLDER.

SPECIFICATION forming part of Letters Patent No. 223,498, dated January 13, 1880.

Application filed November 4, 1879.

To all whom it may concern :

Be it known that I, HARRY FRASER, of the city, county, and State of New York, have invented certain new and useful Improvements in Pencil or Lead and Crayon Holders, of which the following is a specification.

This invention relates to that class of lead and crayon holders in which the lead or crayon is held between jaws capable of moving to and from one another, and arranged on the prolongation of a lead or crayon receiving tube; and it consists in the combination, with the said jaws and device by which the same are operated, of a sleeve attached to or forming a continuation of the stem or handle, which covers and conceals the jaws and forms a nozzle in advance of said jaws, through which the outer end of the lead or crayon projects.

In the accompanying drawings, Figure 1 is a longitudinal central section of a lead or crayon holder embodying the invention in its preferred form, the jaws being open. Fig. 2 is a similar section of the same device with the jaws closed.

The handle or case A of the holder is of ordinary or suitable construction. It is provided with a central lead-receiving tube, *a*, which projects from its front end and terminates in jaws *b*, of ordinary or suitable construction, formed, in the present instance, by longitudinally splitting for a certain distance the forward part of the tube.

The jaws are provided with inclines or raised portions *c*, and are of spring metal, normally standing apart, as shown in Fig. 1. They are caused to close by a jaw-actuating device, which, in the present instance, consists of a sliding compressing-sleeve, *d*, which fits on the tube, and is longitudinally movable thereon to and from the inclines *c* in order to close the jaws or permit them to open. When pushed back it permits the jaws to open. When pushed forward on the inclines *c*, as seen in Fig. 2, it causes the jaws to close tightly upon the lead.

Surrounding the jaws and the jaw-actuating device is a covering-sleeve, B, which is rigidly fastened to and in effect forms part of the sheath or case A. This covering-sleeve surrounds and conceals from view the lead-holding jaws and the device which actuates the same, and has a contracted front end, which

forms a nozzle from which projects the lead, as seen in Fig. 2.

The jaw-compressing sleeve *d* is moved longitudinally back and forth by means of a ferrule or ring, *e*, sliding on the exterior of the covering-sleeve, and connected at one or more points with the compressing-sleeve by a pin or rivet, which passes through a slot in the covering-sleeve, of sufficient length to permit the requisite range of movement.

I have described the construction which I on the whole prefer. It is manifest, however, that the construction and arrangement of the jaws, as well as the jaw-operating device, can be varied without departure from the invention—as, for example, I can apply the covering-sleeve to an automatic holder, such as shown in longitudinal central section in Fig. 3, the same being in most respects a holder embodying the invention shown and described in Letters Patent No. 215,521, of May 20, 1879. In this holder the jaws *c* are on a longitudinally-movable tubular lead-holding stem provided with a head or cap, *f*, projecting from the rear of the sheath or case A. A retracting-spring, *g*, forces the stem in a direction which will cause the contracted front end of the case or sheath to act on the jaws in such manner as to close them, all substantially as described in said Letters Patent.

In carrying out my improvement with this style of pencil, I mount on the front end of the sheath or case A the covering-sleeve B in such manner that it incloses the jaws and covers them up, its contracted or nozzle-like front end projecting in advance of said jaws.

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

In a pencil or lead and crayon holder, the combination, with the sheath or case, the lead-holding jaws, and the jaw-actuating device, of a covering-sleeve distinct from the jaw-actuating device, fixed to or forming part of the front end of the sheath, inclosing and concealing the jaws, and forming a nozzle from which the lead projects, substantially as herein shown and specified.

In testimony whereof I have hereunto set my hand this 1st day of November, A. D. 1879.

Witnesses: HARRY FRASER.

C. S. BRAISTED,

JOE W. SWAINE.