

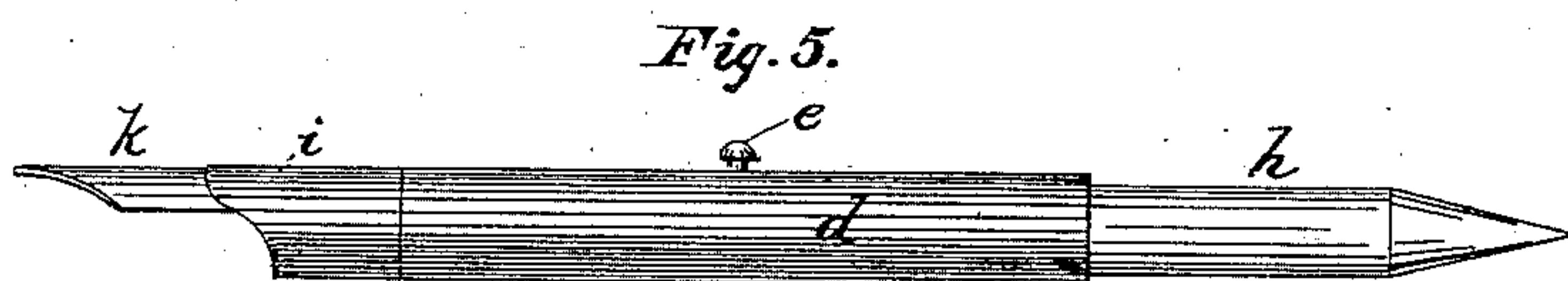
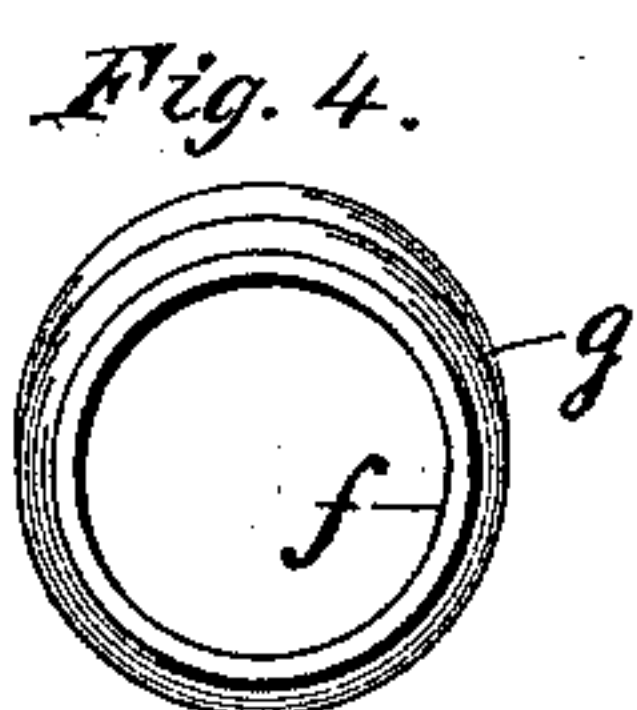
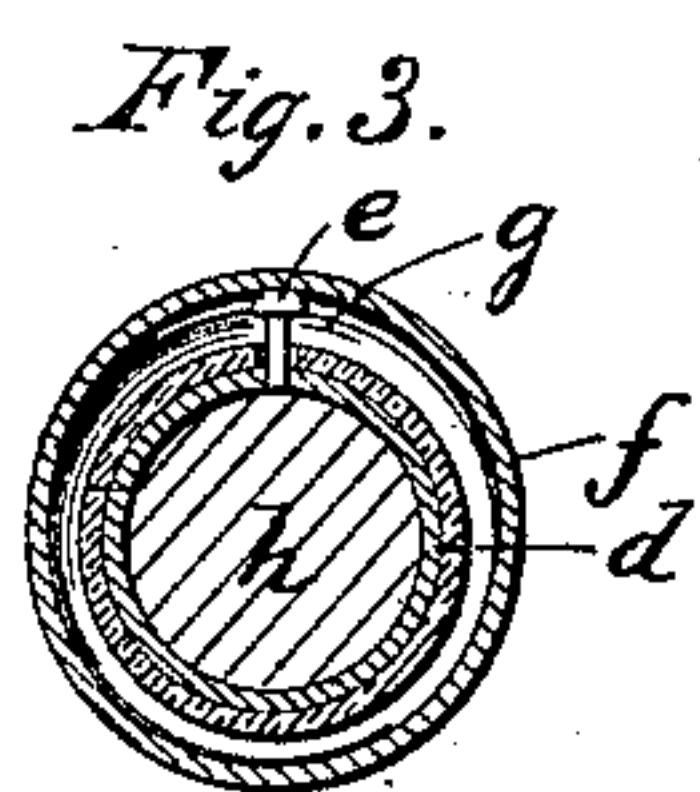
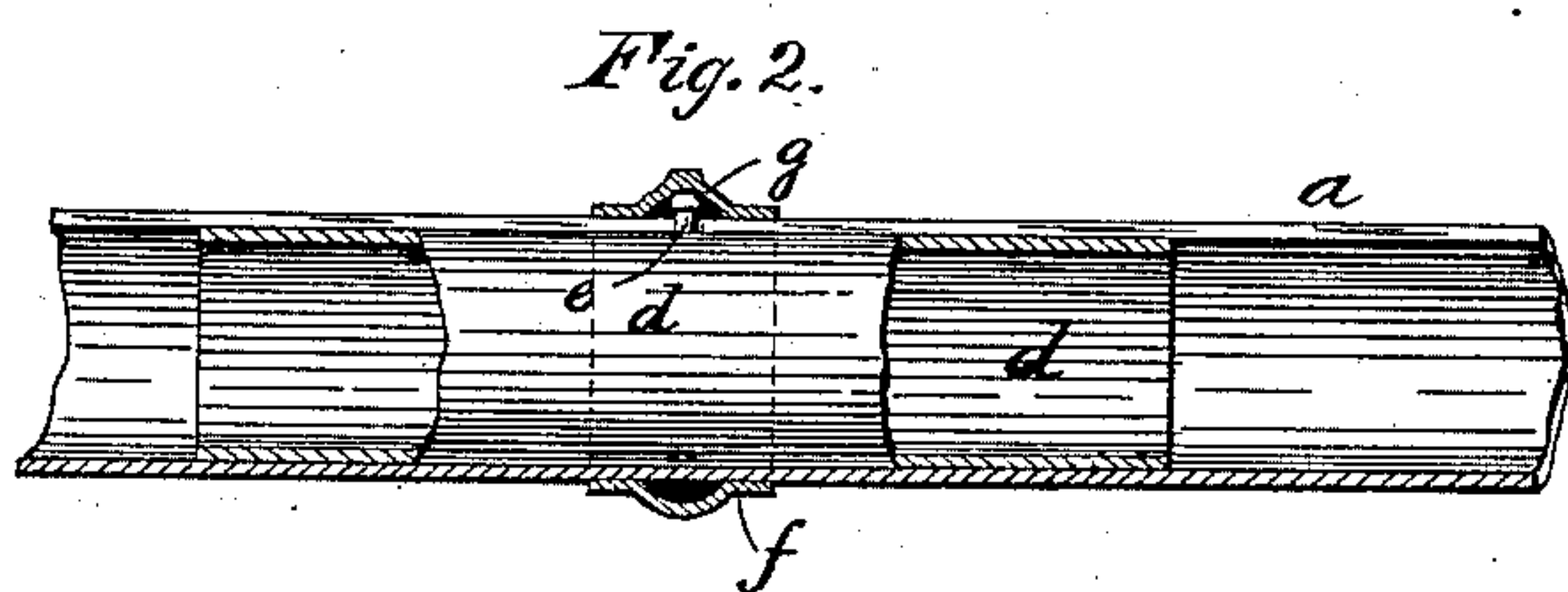
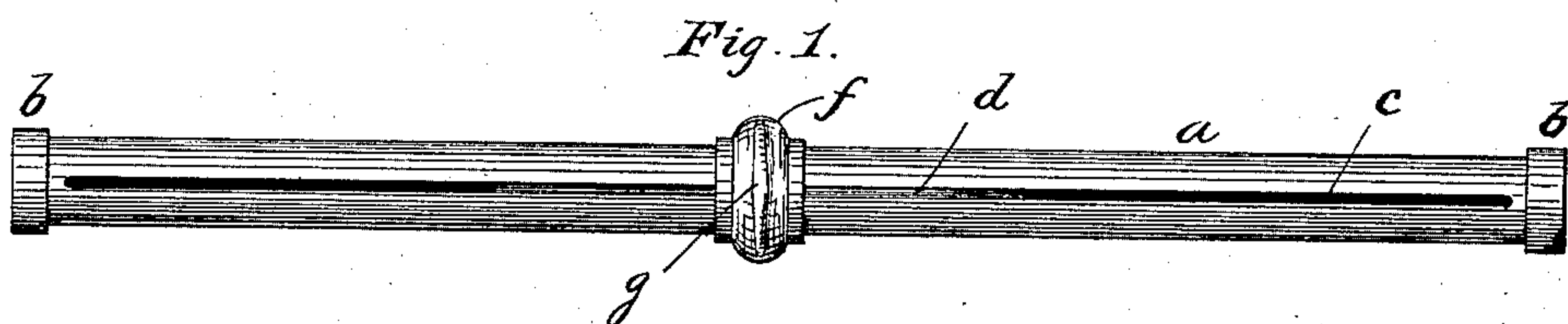
(No Model.)

F. L. FISCHER.

ADJUSTABLE HOLDER FOR PENS, PENCILS, &c.

No. 311,181.

Patented Jan. 27, 1885.



WITNESSES:

*G. Smith*  
*Thomas Hornor*

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# UNITED STATES PATENT OFFICE.

F. LOUIS FISCHER, OF PITTSBURG, PENNSYLVANIA.

## ADJUSTABLE HOLDER FOR PENS, PENCILS, &c.

SPECIFICATION forming part of Letters Patent No. 311,181, dated January 27, 1885.

Application filed February 13, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, F. LOUIS FISCHER, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Holders for Pens, Pencils, and Analogous Articles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, in which—

Figure 1 is a plan view of the holder and case. Fig. 2 is a longitudinal section, enlarged, of the case, holder, and clamping-ring. Fig. 3 is a transverse section of the same through the ring. Fig. 4 is an end view of the ring, and Fig. 5 is a view of the adjustable holding-tube with pen and pencil attachments.

This invention relates to holders for such instruments or tools as pens, pencils, pen-knives, bodkins, needles, &c.; and it consists in the arrangement and construction of devices substantially as hereinafter fully described and claimed. My object is to provide a case or tube in which the implement may be concealed by means of a sliding holder inside, and to combine with such inside holder a device whereby the holder may be locked in any position it is placed in.

More particularly, my invention is as follows: *a* designates a tube having at each end a strengthening-band, *b*, placed on to aid the tube in preserving its shape. I form a slit, *c*, along nearly the entire length of the tube *a*. In the bore of tube *a*, I place a tubular holder, *d*, or a cylindrical body with tubular ends, the holder fitting the tube *a* so as to slide freely therein. To the holder *d* I attach a pin or projection, *e*, so as to protrude through the slit *c* of tube *a*. While the pin *e* does not prevent the holder *d* from longitudinal movement in case or tube *a*, it prevents any rotation of the holder. I can therefore slide the holder *d* to any desired position in the case or tube *a*. In the construction of the case and holder I set a ring, *f*, having an internal groove, *g*,

for the reception of the pin *e*, so that by simply sliding the ring *f* I thereby effect a corresponding movement of the holder *d* inside the case *a*. The groove *g* is formed eccentric or cam-shaped—that is, for a part of its circumference it is made of less depth than at the other part—and these positions of the groove are so proportioned to the length of the pin *e* that the ring *f* may be freely rotated on the case *a* at the deepest part of the groove *g*; but a more extended rotation causes the head of pin *e* to strike the bottom of the groove *g* at its shallower part. This action of the eccentric bottom of the groove *g* causes the surface of the holder *d* opposite the pin to bind tightly against the interior of tube or case *a*, and the result is that when the ring *f* is so rotated, which may be done at any position of the holder *d* in tube *a*, the holder is locked against endwise movement, and a pencil, pen, or other device attached to the holder may be used without fear of its slipping backwardly into the case.

Various uses may be made of such a device. It may be used as a pen and pencil holder, in which case the inside holder, *d*, acts as recipient for a pencil, *h*, at one end, and a pen-socket, *i*, and pen *k* at the other end. The pen-socket *i* may be tubular, and serve as sheath for a knife-blade, if desired. The pencil *h* may be a lead or slate pencil.

Besides the stated uses of my invention, the holder may be used to receive and hold such devices as button-hooks, crochet-needles, tweezers, scratch-awls, compasses, needle-boxes, toilet-scissors, small tools, &c., and in such event the tube *a* can serve as a case for receiving any two or more of them; or it may be made in different sizes and styles—as, for instance, a school-set for children, adapted to pen and pencil; or a lady's set with two or more of the above-mentioned articles or others; or a carpenter's set, including scratch-awl and compasses or dividers, or scratch-awl and pencil, &c.

I do not confine my invention to any particular use or set of uses, nor do I limit it to any specific construction of clamp-ring, as I believe myself to be the first to have invented



the combination of a case with sliding tool or implement holder adapted to be locked in any position therein.

I claim as my invention—

- 5 1. A slitted tube or case, *a*, having an internal tubular or cylindrical tool or implement holder, *d*, capable of sliding therein, and an external cam-ring, *f*, adapted to lock said holder *d* by rotation on the case *a*, substantially as  
10 described.

2. The tube or case *a*, having slit *c*, in com-

bination with the internal holder, *d*, having pin *e*, and ring *f*, having cam-groove *g*, substantially as described.

In testimony that I claim the foregoing as 15 my own I have hereto affixed my signature in presence of two witnesses.

F. LOUIS FISCHER.

Witnesses:

THOS. J. MCTIGHE,

JOHN LEONHARD LIST.