

T. TARLETON.
 HOLDER FOR PENCILS, PROBES, NEEDLES, AND THE LIKE.
 APPLICATION FILED JUNE 17, 1912.

1,051,524.

Patented Jan. 28, 1913.

Fig. 1.

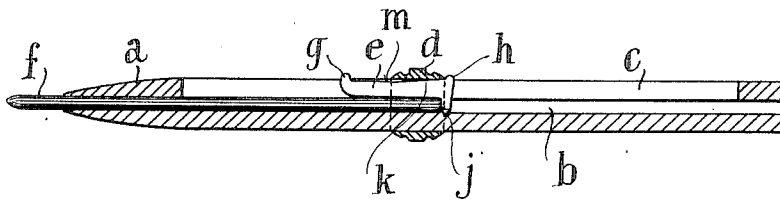
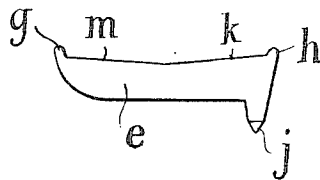


Fig. 2.



Witnesses:

J. J. Wallace

J. W. Trimmer

Inventor:

Thomas Tarleton

By Attorneys,

Fraser, Turk & Myers

UNITED STATES PATENT OFFICE.

THOMAS TARLETON, OF WEMBLEY PARK, ENGLAND.

HOLDER FOR PENCILS, PROBES, NEEDLES, AND THE LIKE.

1,051,524.

Specification of Letters Patent.

Patented Jan. 28, 1913.

Application filed June 17, 1912. Serial No. 704,218.

To all whom it may concern:

Be it known that I, THOMAS TARLETON, subject of the King of Great Britain and Ireland, residing at "Heathcote," The Drive, Wembley Park, Middlesex, England, jeweler, have invented new and useful Improvements in Holders for Pencils, Probes, Needles, and the Like, of which the following is a specification.

This invention relates to holders for pencils, probes, needles and the like.

The object of this invention is to provide improved means for adjusting and securing pencil leads, needles, probes or the like therein.

According to this invention I provide a slotted holder with a sliding ring on the holder and a wedge disposed in the slot and under the ring and so arranged that the lead, probe, needle or the like is adapted to be gripped between the wedge and the holder when the ring is slipped or pressed over the wedging surface; stops are or may be provided on the upper surface of the wedge and a spur on the underside thereof.

Figure 1 is a sectional elevation of a holder as applied to a pencil provided with an adjusting and locking device made in accordance with the invention. Fig. 2 is a detail view of a wedge.

a is a holder provided with a central bore *b*, *c* is a longitudinal slit communicating with the central bore.

d is a ring mounted to slide on the holder *a*, *e* is a narrow wedge disposed in the slot *c*, *f* is the lead adapted to be gripped in the slot between the wedge and the holder.

The wedge *e* is provided with a front stop *g*, a rear stop *h* on the upper side and a spur *j* on the under side. The wedge has a releasing surface *m* and a wedging surface *k*; the holder is preferably pointed like a cedar pencil.

The mode of action is as follows:—Supposing the lead *f* to be within its case *a* and it is desired to project it for writing or any other purpose, the slide-ring *d* is slid toward the point and pressing against the front stud *g* on the forward end of the

wedge, cants it a little, and the spur *j* above mentioned is lifted. On the sliding of the slide-ring *d* being continued, the wedge is moved bodily forward along the slit *c* toward the point, and the spur *g* pushes the lead *f* along until as much of it as is desired has protruded. The slide-ring is then slid backward and as it rides along the wedge it presses down at *h* the butt end thereof, and this in turn presses on the lead and wedges it tight, and at the same time the point of the spur catches lightly the bottom of the bore and forms an effective locking action. To return the lead into the case for point protection the slide ring is pressed forward against the front stud *g* to release the wedge-lock; the lead may then be pressed easily back at the point into its protected position, and the slide-ring is then slid back to re-lock.

One great advantage of my invention is that the pencil may be operated as above described very readily with one hand. Another advantage is that the position of the slide-ring and wedge (nearer to or farther away from the point) forms a reliable means for showing the length of lead contained in the case.

It will be obvious that my invention is also applicable to probes, needles or other articles that are required to be protruded from, and held firmly in their cases or withdrawn thereinto as desired.

The holder may be made of wood, metal or other suitable material.

In a pencil holder made in accordance with this invention the lead may be projected for use and is very firmly retained in position. The lead may be retracted and secured when not in use.

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

1. In holders for pencils, the combination of a slotted holder, a sliding ring on said holder, a wedge disposed in the slot and under the ring, said wedge being provided with a releasing surface, a wedging surface and a spur, said spur being adapted to engage the back of the lead and serve as

a stop for the lead in all positions of the latter and adapted to be pressed into engagement with the bottom of the bore by the sliding ring coacting with the wedging surface.
5 face.

2. The combination of a slotted holder with a sliding ring on said holder and a wedge provided with a front stud, a rear stud, a releasing and wedging surface and a

spur, said wedge being disposed in the slot 10 under the ring.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

THOMAS TARLETON.

Witnesses:

NEVILLE E. BROOKES,
ROBERT MILTON SPEARPOINT.