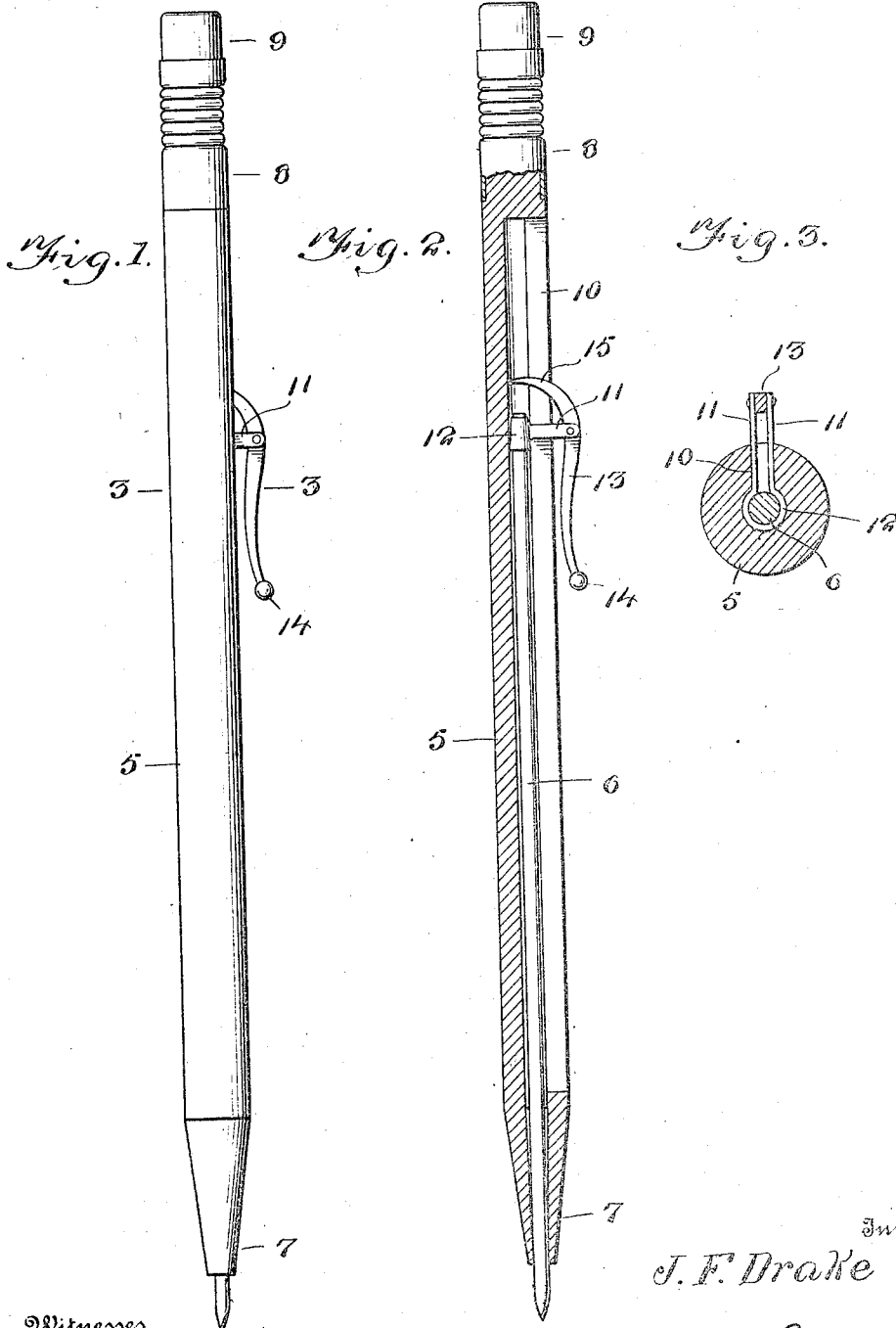


J. F. DRAKE.  
PENCIL.

APPLICATION FILED JAN. 17, 1916.

Patented Nov. 28, 1916.

1,206,683.



Witnesses

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# UNITED STATES PATENT OFFICE.

JAMES FRANK DRAKE, OF ATLANTA, GEORGIA.

PENCIL.

1,206,683.

Specification of Letters Patent.

Patented Nov. 28, 1916.

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*To all whom it may concern:*

Be it known that I, JAMES FRANK DRAKE, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented new and useful Improvements in Pencils, of which the following is a specification.

The invention relates to pencils, and more particularly to the class of automatic push-point pencils.

The primary object of the invention is the provision of a pencil of this character wherein the lead is held in a novel manner so that it can be pushed from the body of the pencil at the writing end thereof and firmly clamped when in use, the pencil being readily clipped in the pocket of the user, the clip serving to firmly hold or release the lead in the body of the pencil.

Another object of the invention is the provision of a pencil of this character wherein the same is constructed with a clip which has the dual function of fastening the pencil in the pocket of the user when not in use and firmly clamping the lead to hold it in protruded position from the body or retracted therein.

A further object of the invention is the provision of a device of this character which is simple in construction, thoroughly reliable and efficient in its operation, strong, durable and inexpensive of manufacture.

The invention accordingly consists in the features of construction, combination of elements and arrangement of parts exemplified in the construction hereinafter described, and the scope of the application of which will be indicated in the claim hereunto appended.

In the drawings: Figure 1 is a side elevation of a pencil constructed in accordance with the invention; Fig. 2 is a vertical longitudinal sectional view thereof; and Fig. 3 is a sectional view on the line 3—3 of Fig. 1.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings in detail, the pencil comprises a body 5 preferably made from wood, and is of any desirable external shape, having formed centrally therein a bore for receiving a lead stick 6 which is freely slidable in said bore and is adapted to be protruded through the tapered writing end 7 of the body 5 when the pencil is to be used. On the other or opposite end of the

body 5 is a ferrule or sleeve 8, as usual, in which is fitted an eraser 9 of the usual form.

Provided in the body 5 and co-extensive for a greater portion of the length of the central bore therein for receiving the lead 6 is a slot 10 which opens through the outer surface of the body to accommodate the parallel extensions 11 of a clamping sleeve 12, which latter is located within the bore in the body 5 for receiving the inner end of the lead 6 so that on the movement of the sleeve the lead will be protruded through the tapered end 7 or retracted within the body of the pencil.

Pivotally mounted between the parallel portions 11 of the clamping sleeve 12 is a clip finger or arm 13 which serves as a lever, one end being formed with a ball terminal 14, while its opposite end is pointed to provide a biting spur or tip 15, which extends through the slot 10 into the bore for biting engagement internally of the body 5 of the pencil when swinging the arm 13 outwardly away from the said body of the pencil, thereby securely holding the lead 6 in its adjusted position. This arm 13 serves as a clip for fastening the pencil in the pocket of the user when not in use. On swinging the arm 13 inwardly toward the body of the pencil the spur or tip 15 is disengaged from the body of the pencil 5 so that the lead 6 can be moved in reverse directions for the protruding of the lead through the tapered end 7 of the body 5 when the pencil is to be used or to retract the lead within the body when said pencil is not in use. The sleeve 12 is preferably tapered toward the closed end of the body 5, thereby permitting the insertion of varying sizes of leads therein for use. After a lead has been used up, another can be inserted, thus permitting an unlimited number of leads to be used in one pencil stock or barrel.

From the foregoing description, taken in connection with the accompanying drawing, the construction and manner of operation of the pencil will be readily apparent and, therefore, a more extended explanation has been omitted.

Having thus described my invention, I claim:

In a pencil, a centrally bored body, the bore being extended through one end thereof, said body being further provided with a slot opening through one side and extended for substantially a greater portion of the

length of the bore, a single piece of material bent to provide a tapered split sleeve slidable in the bore and having extensions projected through the slot, and a clamping member arranged between and pivoted to the extensions and having one end exteriorly of the body to provide a clip and its opposite end having a biting tip to engage

in the wall of the bore in the body for locking the sleeve in adjusted position.

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

JAMES FRANK DRAKE.

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