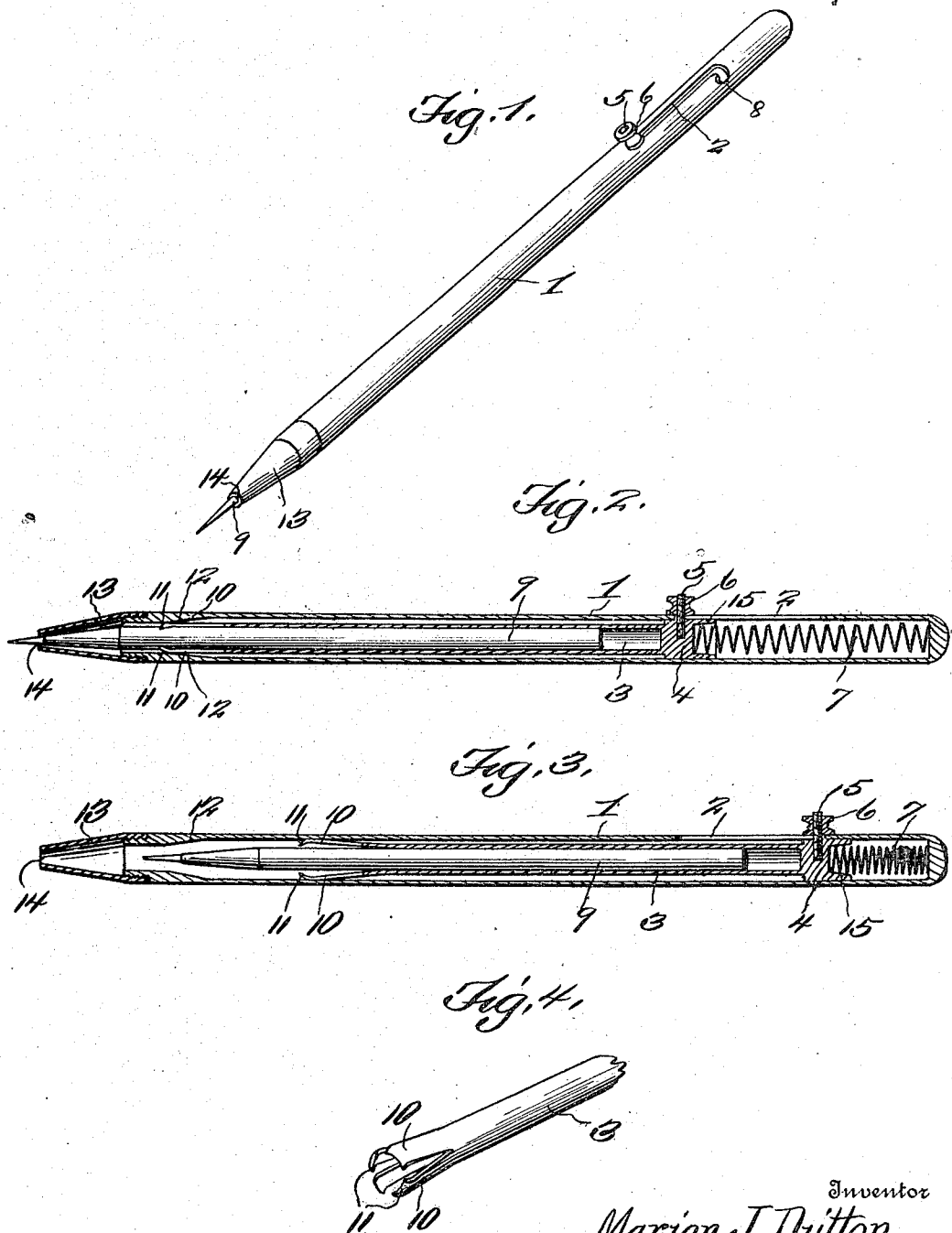


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PENCIL.
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1,063,189.

Patented June 3, 1913.



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UNITED STATES PATENT OFFICE.

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PENCIL.

1,063,189.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MARION J. DUTTON, a citizen of the United States, residing at Groseclose, in the county of Wythe and State of Virginia, have invented a new and useful Pencil; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to the art of pencils and the like, and particularly to a new and useful pencil holder.

As one of the objects of the invention, it is the aim to provide a pencil holder having means, whereby the lead pencil may be retracted within the holder, so as to preserve the pencil point, when not in use.

A further object of the invention is the provision of a holder having a retractable socket member, in which the lead pencil is frictionally held, especially when the socket member is retracted, but when extended, spring portions of the socket member are depressed automatically, in order to firmly grip the lead pencil to prevent the same from receding, when pressure is applied upon the pencil.

There are disclosed in the drawing certain features of construction, but in practical fields these features may necessitate alterations, to which the patentee is entitled, provided the alterations are comprehended within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings; and claimed.

In the drawings:—Figure 1 is a view in perspective of the improved pencil holder constructed in accordance with the invention. Fig. 2 is a longitudinal sectional view, showing the socket member with the pencil therein extended ready for use. Fig. 3 is a view similar to Fig. 2, showing the socket member retracted. Fig. 4 is a detail view.

Referring to the drawings 1 designates the outer shell or tubular member of the holder having a bayonet slot 2 in its circumferential wall near the upper end thereof. Mounted in said shell is a retractable socket member 3. This socket member is in the form of a tube, but at one end is provided with a solid portion 4, in which a stud 5 is threaded. This stud moves longitudinally in the bayonet slot 2, and is provided with a thumb nut 6 to hold the socket

member extended, especially to prevent the socket member from receding, when pressure is applied upon the pencil. When the socket member is retracted against the action of the coil spring 7 (which is interposed between the solid end of the socket member and the upper end of the shell 1), a slight partial rotary movement is imparted to the socket member, in order to cause the stud 5 to engage the offset notch or recess 8 at one end of the bayonet slot, so as to hold the socket member retracted. The socket member 3 is designed to hold a section of lead pencil 9 frictionally therein, so as to move with the socket member. One end of the socket member is provided with spring arms 10 having lugs or lateral portions 11. When the socket member is extended, the free ends of the spring arms engage inclined portions 12 of the shell, so as to cause the lugs or lateral portions 11 to bite into the wood of the lead pencil, and when the thumb nut is tightened frictionally against the shell 1, the socket member is prevented from receding, when pressure is applied upon the pencil, while the lugs or lateral portions 11 will prevent the pencil proper from receding in the socket member. When it is desired to remove the pencil proper from the socket member, the said member is slightly retracted, so that the spring arms will spring outwardly, after which the pencil may be withdrawn. A conical cap or cover 13 is threaded on one end of the shell, and is provided with a hole 14 at the tapering end of the cap, to receive the pencil point. The solid end of the socket member is provided with a sleeve socket extension 15, in which one end of the coil spring 7 is seated.

From the foregoing it is to be ascertained, that there has been devised a simple and efficient lead pencil holder, especially adapted for holding sections of lead pencils, and one which has been found practicable.

The invention having been set forth, what is claimed as new and useful is:—

In combination, a shell member open at one end and closed at the other end, and provided with an elongated slot in the wall of the shell adjacent the closed end, said shell on the interior thereof adjacent the opened end having an annular inclined portion; an elongated tube open at one end and closed at the other telescopically arranged in the shell, and provided at its closed end with an enlarged head having a sleeve

socket extension, while the open end of the tube is provided with a series of spring arms terminating in lugs adapted to embed in the wood of a pencil received by the tube, owing to the arms contacting with the inclined portion of the shell; a spring interposed between the closed end of the shell and the sleeve socket extension, to hold the tube extended whereby the arms are pressed toward the pencil by the inclined portion; a threaded projection or lug carried by the enlarged head and extending through the elongated slot to guide the tube; and means threaded

on the projection to hold the tube in adjusted positions against the action of the spring; said slot having an offset notch at one end to receive the projection to hold the tube fully retracted against the action of the spring.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MARION J. DUTTON.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."