

N^o 6320



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PROVISIONAL SPECIFICATION.

Improvements in Pencil-cases.

I, HARRY LAMBERT SYMONDS, of Montrose, 26, Hendon Lane, Finchley, in the County of Middlesex, Gentleman, do hereby declare the nature of this invention to be as follows :

This invention has for its object to provide pencil-cases with means or appliances
5 for carrying "refils," and which means are so constructed as to be sold independently of the pencil-case, by stationers and others, and be ready for immediate insertion into the pencil-case, thus obviating the necessity of having to return the pencil-case to the makers to be refitted or replenished, as now frequently occurs.

To this end, I construct a holder or magazine adapted to fit, by frictional contact,
10 or otherwise, into the butt end of the pencil-case, and to carry the "refils." Said holder is provided, at its outer end, with a flanged head (whereby it can be easily removed from the case) and at its inner end with a cover which may be furnished with any suitable means for retaining it firmly in place, and prevent it being pulled off when withdrawing the holder for the purpose of taking out a "refil" or lead.

15 The interior of the holder or magazine may be provided with flutings, channels, or the like, each of which is adapted to receive a refil or lead, and prevent them rubbing one against the other and becoming worn by frictional contact, which they might otherwise do if all the refils were placed loosely in the holder or magazine.

Or the flanged head may be provided with a short socket, into which the holder or
20 magazine proper is detachably fitted; and said socket may be held in the butt end of the pencil-case by frictional contact, by screwing, or otherwise. The detachable holder may be made of cardboard, or other suitable material, so that when it is exhausted it may be thrown away, and a filled one be readily inserted in its place.

Dated this 26th day of March 1901.

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COMPLETE SPECIFICATION.

30 Improvements in Pencil-cases.

I, HARRY LAMBERT SYMONDS, of Montrose, 26, Hendon Lane, Finchley, in the County of Middlesex, Gentleman, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement, reference being had to the accompany-
35 ing drawings and to the letters and figures marked thereon, that is to say :

This invention relates to pencil cases, and has for its object to provide them with detachable means or appliances for carrying a supply of leads or "refils," and which means or appliances are so constructed as to be sold independently of the pencil-case, by stationers and others, and be ready for immediate insertion into the same, thus

[Price 8d.]



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obviating the necessity of having to buy refils in boxes and then recharging the reserve end of the pencil case, as is now customary.

And in order that my invention may be readily understood, I will describe the same fully with reference to the accompanying drawings, which shew a convenient arrangement, and in which:

Fig 1 is a partial sectional elevation of what is known as an "ever-pointed" pencil-case, having my improved means or appliance (hereinafter called "magazine") fitted therein.

Fig 2 is an elevation of the magazine detached from the pencil-case,

Fig 3 is a transverse section of the same, on the line 3, 3, of Fig 2, and

Fig 4 is a detail of the magazine.

The magazine is constructed separate from the pencil-case, but is adapted to fit into the butt end of the same, and to carry a supply of leads or "refils." Said magazine consists of a body *a*, having longitudinal flutings or channels *b* (or the like) forming cells, each of which receives one of the leads *c*. It is closed at its outer end by a cap or plate *d*, and is provided, at its inner end, with a cover or disc *e*, whereby the leads are retained in place. When the magazine is in use, it is inserted or detachably fitted into a short socket *f*, which is held in the butt end of the pencil-case by frictional contact, but it may be by screwing, or otherwise. This socket *f* has a flanged head *g* whereby it, together with the magazine proper, can be readily withdrawn from the case.

The cover or disc *e* is held in place by any suitable means, so as to prevent it being accidentally pulled off, when withdrawing the magazine for the purpose of taking out a lead. In the example shewn, the means consist of a central rod *h* rigidly fixed to the cap or plate *d*, and having, at its free end, a screw thread *i*, on to which is screwed the said cover or disc *e*.

The longitudinal flutings or channels *b* serve to keep the leads separate or isolate from one another, so as to prevent them rubbing one against the other and becoming worn by frictional contact, which they would otherwise do if they were placed loosely together, as in some ordinary pencil-cases.

Instead of the flanged head *g* being fixed on to the socket *f*, as seen in Fig 4, it may be fixed directly on to the outer end of the magazine, so dispensing with the socket.

It is obvious that instead of inserting the leads or refils into the inner cells formed by the flutings, they may be inserted into the outer cells thereof, and be retained in place between the cap or plate *d* and the removable cover *e*, the said plate *d* and cover *e* being, for this purpose, of slightly larger diameter than the body *a*. In this way the leads would be readily visible whenever the magazine was removed from its case, and thus the user would, at once, perceive how long a time would be necessary before a fresh magazine was required.

Or, I may form the magazine of a series of tubes secured between the cap or plate *d* and the removable cover *e*, and into each of these tubes would be inserted a lead, it being only necessary to remove the cover *e* to insert the leads, or to withdraw them, as occasion may require.

The detachable holder or magazine may be made of metal, cardboard, or other cheap suitable material, so that when exhausted it may be thrown away and a fresh one, which may be obtained at a stationer's, or from other sources, be readily inserted.

The magazine may be made in various sizes to suit pencil-cases of different diameters.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

1. A pencil case provided with a detachable magazine or device adapted to carry a supply of leads ("refils"), and which magazine, when exhausted, may be thrown away and a fresh one inserted, substantially as described,

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2. A detachable magazine, for pencil-cases, so constructed as to contain a supply of leads (refils), and adapted to fit into the butt end of the pencil case, substantially as described.

5 3. A detachable magazine, for pencil cases, comprising a body formed with longitudinal channels or flutings (or their equivalent) each adapted to contain a single lead, a socket removably fitting thereon and adapted to fit the butt end of the case, and means for retaining the leads in place in the body proper of the magazine, as described with reference to the annexed drawings.

10 4. The pencil-case with the herein described detachable magazine for containing a supply of leads or "refils," as specified and as shewn in the annexed drawings.

Dated this 23rd day of December 1901.

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Fig. 1.

Fig. 2.

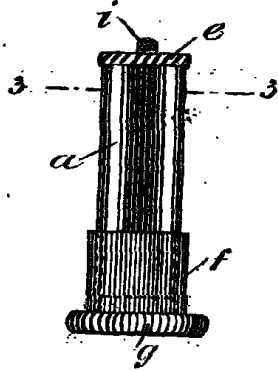
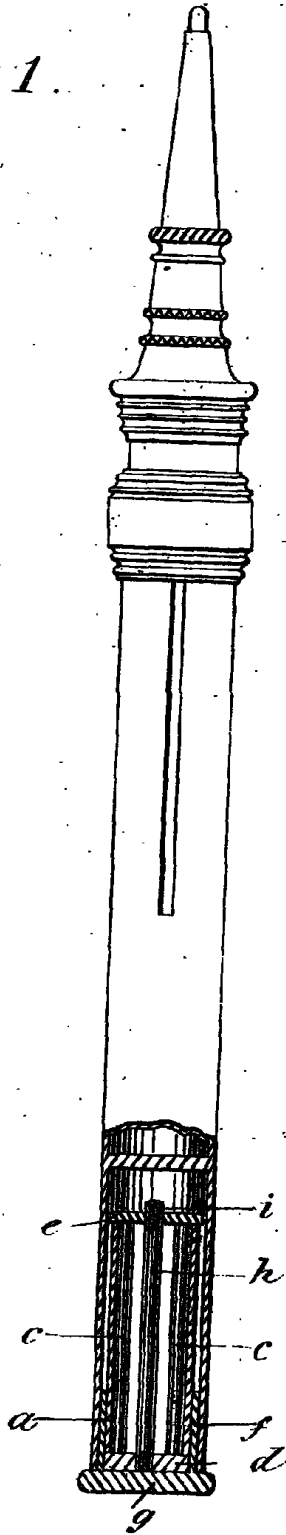
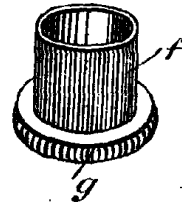


Fig. 3.



Fig. 4.



[This Drawing is a reproduction of the Original on a reduced scale.]