

PATENT SPECIFICATION



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COMPLETE SPECIFICATION.

Improvements in Reservoir Pens.

I, THEODOR KOVACS, of Lindenstrasse 108, Berlin, S.W. 68, Germany, a citizen of Hungary, do hereby declare the nature of this invention and in what
5 manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to improved means for detachably securing the nib of
10 a reservoir pen of the kind in which the nib is secured by engaging one or more projections or hooks carried by the feed-bar. In such reservoir pens it has hitherto been necessary to make the feed-
15 bar relatively strong to support the nib-securing hooks and it is liable to rapid damage by repeated changing of the nib, if the feed-bar is made of vulcanite. Moreover, the longitudinal air channel
20 in the feed-bar, which is normally covered by the nib, is exposed when the nib is removed and the ink is free to escape from the holder.

The above-mentioned drawbacks are
25 overcome, according to this invention, by fitting a sleeve upon the outer end portion of the feed-bar so that it covers the air channel where the feed-bar projects from the holder almost up to the outer
30 end of said channel, or, alternatively, the sleeve extends to the end of the feed-bar and is provided with an aperture for the entry of air to the air channel and for the escape of ink from the ink grooves
35 in the air channel. This sleeve, which is split to increase its resilience, is preferably made of rustless metal and is provided with a device for detachably securing the nib thereto. In the case of
40 reservoir pens having a retractible nib and feed-bar, the sleeve may be secured to the feed-bar by the ring which serves to seal the mouth of the holder, and in the case of reservoir pens having a non-
45 retractible nib, the feed-bar and its

sleeve may be secured together in the mouth of the holder.

The accompanying drawings illustrate two examples of my invention by way of
50 explanation.

Fig. 1 is a longitudinal section through the end portion of a reservoir pen having a fixed feed-bar or non-
55 retracting nib. Fig. 2 is a cross-section on the line 2—2 of Fig. 1.

Fig. 3 is a view similar to Fig. 1 of a reservoir pen having a retractible nib and feed-bar, and Fig. 4 is a cross-section thereof on the line 4—4.

On the drawings, A is the mouth of the
60 holder or reservoir, B is the feed-bar, F the nib and C the longitudinal air channel in the feed-bar, with capillary ink grooves D along the bottom of the air channel.

In Figs. 1 and 2, a sleeve E extends
65 from the inner end of the mouth of the holder up to the outer end of the feed-bar B and has an opening H which coincides with the extremities of the air
70 channel C and ink grooves D. Just outside the mouth of the holder A, the sleeve E is provided with a hook G which is bent out of the sleeve E to engage a
75 corresponding aperture in the nib and secure it at this point. The nib is secured near its point by the engagement with the edge of the opening H of a hook J bent inwardly out of the nib.

In Figs. 3 and 4, the holder A is
80 sealed by a packing ring M which secures the sleeve E to the retractible feed-bar B. In this case the sleeve E covers the air channel C almost up to its outer end. Lugs K bent out of the sleeve E at both
85 sides thereof serve to secure the nib, which is turned-in at the edges L to engage the lugs K.

Having now particularly described and ascertained the nature of my said 90

[Price 1/-]

invention and in what manner the same is to be performed, I declare that what I claim is:—

5 1. A reservoir pen comprising a holder, a feed-bar adapted to project from the holder and having longitudinal air and ink passages therein, a sleeve surrounding the outer end portion of the feed-bar and covering said channels
10 where they project from the holder except at their extreme outer ends, and a device on the sleeve for detachably securing a pen nib.

2. A reservoir pen as claimed in Claim

1 wherein the sleeve is provided with a projection or projections for detachably engaging the nib. 15

3. The improvements in the construction of reservoir pens, substantially as herein described with reference to the Figs. 1 and 2 or Figs. 3 and 4 of the accompanying drawings. 20

Dated this 19th day of June, 1926.

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

