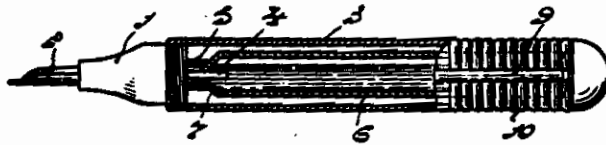


PUBLISHED
JULY 13, 1943.
BY A. P. C.

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FOUNTAIN PEN
Filed Dec. 24, 1942

Serial No.
470,091



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ALIEN PROPERTY CUSTODIAN

FOUNTAIN PEN

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Application filed December 24, 1942

This invention relates to a fountain pen whose supply of ink contained in the holder is visible from without.

In such well-known fountain pens the holder is made from a material which is entirely or partially transparent. The supply of ink is contained in the holder constituting the ink barrel. This fountain pen has the drawback of the ink continually engaging the transparent wall due to which an opaque coating eventually deposits on this wall. Thus the transparency of the ink holder highly decreases in the long run so that the holder no longer suits the purpose.

The present invention purports to provide a fountain pen having a visual supply of ink and the transparency of whose holder remains unchanged even after using it for a long time.

The fountain pen according to the invention is characterized by the combination of a holder of transparent material containing a separate interchangeable ink cartridge which is also made from transparent material.

In this case direct engagement between the ink and the transparent wall of the holder does not take place so that fouling is prevented. After exhaustion of the supply of ink the transparent ink cartridge is replaced so that the wall of the ink cartridge is always clean.

It is known per se to furnish fountain pens with a separate interchangeable ink cartridge. These ink cartridges are made from transparent material such as glass, but the wall of the well-known fountain pens equipped with such a cartridge does not consist of transparent material.

The invention will be more fully explained by reference to the accompanying drawing given by way of example.

In the sole figure the reference number 1 designates the pen head to which is secured the writing pen 2. The holder 3 consists of trans-

parent material, for instance a transparent variety of artificial resin, and is screwed to the pen head 1 in the conventional way. The holder contains a glass cartridge 6 which is filled with writing ink. This cartridge has a conical tapering end 7 which engages a ring 5 secured to the pen head, thus obtaining the obturation between ink cartridge and pen. Upon introduction of the cartridge the ink conductor 4 destroys the closure in the tapered part 7 and establishes a connection with the writing pen 2.

Consequently the ink is exclusively in the holder 6 and within the annular closure 5. The space between the cartridge 6 and the holder 3 is always free from ink so that the material of the wall 3 always remains transparent. After exhaustion of the supply of ink the glass cartridge 6 is replaced so that also the wall of this cartridge is always clean. Hence the supply of ink is always visible.

For aesthetical reasons the outer wall 10 of the holder 3 is frequently corrugated. Yet in order to permit observation of the surface of the ink contained in the ink cartridge the holder is provided throughout its length with at least one smooth strip 9 which extends in a longitudinal direction and serves as a gauge. There are preferably two of such strips which are obtained by smooth finishing of the moulding seams formed in manufacturing the holder 3. These smooth strips may also be used for providing the trade mark, manufacture numeral or the like.

The holder is made from a material having a high resistance to rupture which, moreover, permits a large number of uniform articles to be moulded in a cheap manner. To such end use may be made of a transparent variety of artificial resin.

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