

June 2, 1931.

A. BASSI

1,808,489

FOUNTAIN PEN

Filed June 18, 1929

Fig. 1.

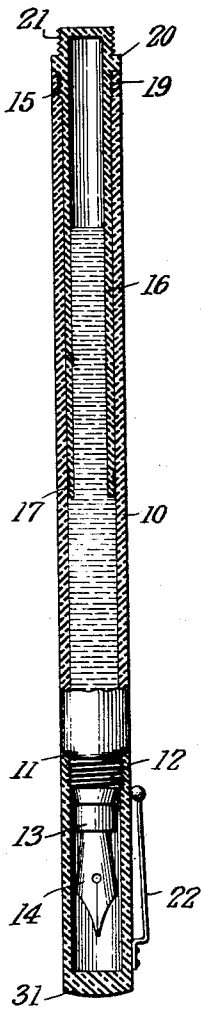


Fig. 2.

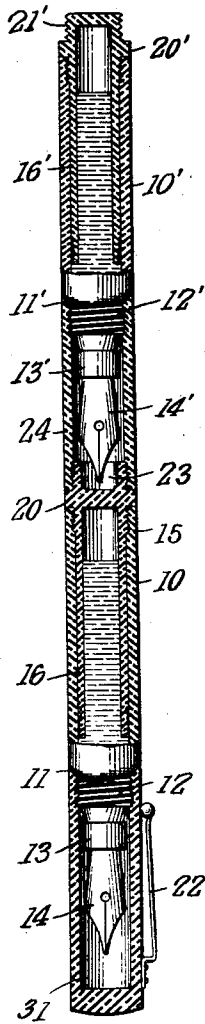


Fig. 3.

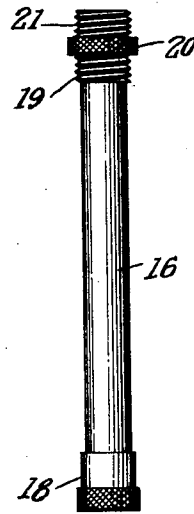
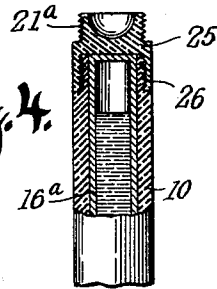


Fig. 4.



INVENTOR
Adolph Bassi
BY
Arcey Freeman
ATTORNEY

UNITED STATES PATENT OFFICE

ADOLPH BASSI, OF NEW YORK, N. Y., ASSIGNOR TO CHAMELEON FOUNTAIN PEN CORP.,
A CORPORATION OF ILLINOIS

FOUNTAIN PEN

Application filed June 18, 1929. Serial No. 371,938.

This invention relates to writing imple-
ments and more particularly to the type
known as fountain pens in which a supply
of liquid ink is contained within its tubular
barrel portion and distributed by an at-
tached pen point.

While fountain pens are highly regarded
because of their convenience and portabil-
ity, they are all subject to several objections,
one of which is the small quantity of ink
which can be carried by them, requiring fre-
quent filling and very often at inopportune
times; moreover the act of filling is com-
monly accompanied by loss of ink and soil-
ing of the fingers.

It also occurs, at times, that the use of
another color of ink is desirable than that
ordinarily supplied, or that a finer or coars-
er pen point be preferred, which is not
possible with ordinary commercial fountain
pens.

It is therefore an object of the present in-
vention to provide a pen capable of contain-
ing a larger volume of writing ink than is
usual and which is so arranged as to en-
tirely dispense with the ordinary filling
means, the ink being held in a removable
receptacle for which others of the same kind
may be readily substituted without loss or
leakage of the ink.

A further feature is in the provision of
means whereby a single writing implement
may be used with differently colored inks,
or that the same ink may be supplied by
pen points of different degrees of pliability
and width of line produced.

Another purpose is to produce a fountain
pen in which the body and cap are alike in
diameter, thus avoiding the bulky appear-
ance of the ordinary pens.

Another purpose is the provision of a
connecting sleeve or adaptor which may be
attached to any fountain pen for the pur-
pose of producing a duplex writing imple-
ment.

These several important objects are at-
tained by the novel construction and com-
bination of parts as hereinafter described
and shown in the annexed drawings, form-

ing a material part of this disclosure, and in
which:

Fig. 1 is a longitudinal sectional view of
a pen made in conformity with the inven-
tion.

Fig. 2 is a similar view showing a modi-
fied construction wherein two independent
pens are combined.

Fig. 3 is a side elevational view of the re-
movable ink reservoir as used therein.

Fig. 4 is a fragmentary view of a modi-
fied construction wherein the capsule is en-
tirely encased within the barrel.

The pen body consists of a tubular barrel
10 having a rounded front portion 11 blend-
ing into a screw threaded element 12 from
which extends a reduced collar 13 and reach-
ing outward therebeyond is a common pen
point or nib 14.

The opposite end of the barrel 10 is square
across and contains a short internal screw
thread 15.

Neatly fitting the bore of the barrel 10
is a rigid tube 16 provided at one end with
a thread 17 engaged by a cap 18 which when
the tube or capsule is to be entered in the
barrel, is removed.

At the opposite end of the tube is another
thread 19 ending at the shoulder of the
knurled head 20. The thread 19 engages
in the internal thread 15 of the barrel and
forms a leak tight joint.

A cap 31 is bored to receive the pen point
and adjacent elements, the cap being pro-
vided with internal screw threads to en-
gage the barrel threads 12 or the reservoir
threads 21 in accordance with the end of the
implement to which it may be applied, the
cap being furnished with a clip 22 of ordi-
nary type.

In the modified form shown in Fig. 2, the
outer threaded element 21 is bored to pro-
vide a recess 23 to receive the nib of the
pen 14' carried in a structure the exact
counterpart of that previously described and
to which have been appended prime num-
bers for the purpose of illustration, the dif-
ference being that the barrels 10-10' and
16-16' are shorter in length.

A connecting sleeve 24 tubular to receive

the pen point and adjacent elements is provided with internal screw threads on both ends; one end adapted to engage the barrel 12' and the other end to engage the barrel thread 21.

This arrangement permits of the use of two differently colored inks or of two pens unlike in their degree of fineness, and produces a duplex writing implement. This connecting sleeve might also be connected to threads on the back of any standard fountain pens for the purpose of producing a duplex, and is in nowise restricted to be used in connection with the capsule 16. This connecting sleeve when so used cooperates with the end of one pen to form a cap for a second pen.

In the modified form shown in Fig. 4, the rear end of the barrel 10 contains a short external screw thread 26 to receive the threads of a cap or closure 25, this cap also being provided with similar external screw threads 21a to be engaged by the cap 31 or the connector sleeve 24, as desired.

In this modification, the capsule or cartridge 16a is entirely smooth and closed at one end to fit within the barrel 10 of the pen, the opposite end being provided with screw threads 17 to receive the cap 18, as previously described.

In operation, when the ink needs renewing, the empty receptacle is withdrawn by unscrewing it from the barrel, or in the case where receptacle 16a is used, the cap 25 is unscrewed, the cap 18 removed from a receptacle to be substituted and then inserted in the barrel, at that time in an inverted position with the pen in a substantially upright position.

Due to the fact that the cap 31 is equivalent in size with the pen barrel, less space is occupied and a neater appearance obtained.

While certain preferred embodiments of this device have been shown and described, it will be understood that changes in the form, arrangements, proportions, sizes and details thereof may be made without departing from the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. The combination with two independent fountain pens provided with screw threads on their front and rear ends, of a connecting sleeve having screw threads adapted to engage selectively with the front or rear ends of either fountain pen whereby both fountain pens may be rigidly joined together to produce a duplex writing implement.

2. A sleeve having a through bore for use with two independent fountain pens provided with screw threads on their front and rear ends, said sleeve having screw threads on both ends adapted to be selectively re-

movably engaged with the front or rear ends of either fountain pen whereby both pens may be rigidly joined together with pens opposed to produce a duplex writing implement, said sleeve adapted at other times to act as a cap for one of the pens.

3. As an article of manufacture for use with two independent fountain pens which are to be joined and used as a duplex writing implement, a connecting sleeve adapted to be selectively removably engaged with the rear ends of both fountain pens, or with front end of one and the rear end of the other, whereby in the first instance both pens are presented for use and in the second instance the said sleeve acts as a cap for one of the pens.

Signed at New York, in the county and State of New York.

ADOLPH BASSI.