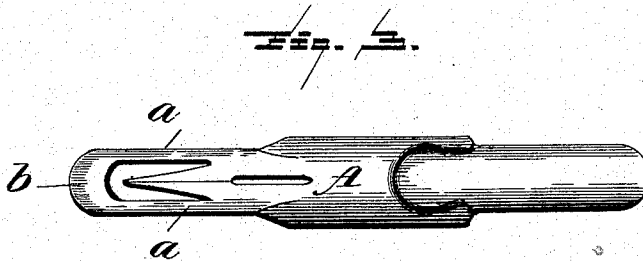
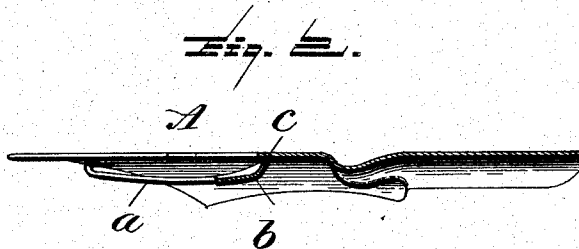
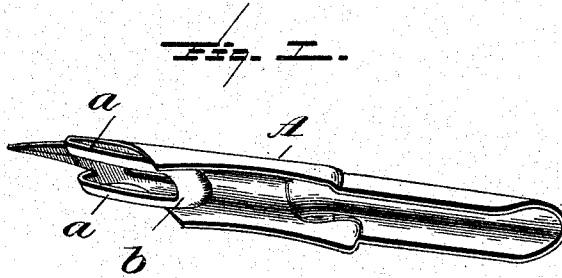


(No Model.)

F. J. W. FISCHER.
PEN.

No. 487,143.

Patented Nov. 29, 1892.



Witnesses:
L. C. Mills.
W. L. D. R.

Inventor
Fredrick J. W. Fischer
by *Marshall Bailey*
his Attorney

UNITED STATES PATENT OFFICE.

FREDERICK J. W. FISCHER, OF NEW YORK, N. Y., ASSIGNOR TO THE EAGLE PENCIL COMPANY, OF SAME PLACE.

PEN.

SPECIFICATION forming part of Letters Patent No. 487,143, dated November 29, 1892.

Application filed October 6, 1892. Serial No. 448,022. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK J. W. FISCHER, of New York city, New York, have invented a new and useful Improvement in Pens, of which the following is a specification.

My invention relates to that kind of pen which on its under side is provided with an ink-holding pocket or reservoir; and it consists in a certain novel construction of parts for this purpose. Under my invention the pocket is formed by a cross-piece or dam connected to the pen by side strips or legs which are integral with the body of the pen. These side strips start from the side edges of the pen some distance in rear of the nib and are bent down and back so as to bring the cross-piece or dam carried by them underneath the pen and in a position where it may form, in conjunction with the body of the pen, a pocket or reservoir which will hold and retain quite a large supply of ink. One advantage of this construction is that the pocket can be produced easily, cheaply, and with very little material in addition to that required for the body of the pen, the legs or side strips being formed from material which usually and in the manufacture of ordinary pens from sheet metal is mere waste.

In the accompanying drawings, Figure 1 is a perspective view of a pen embodying my invention. Fig. 2 is a longitudinal central section of the same. Fig. 3 is a plan of a partially-completed pen-blank after the body of the pen has been struck up and before the parts which form the ink-pocket have been bent down and back into place.

My invention can be applied with facility to all styles and sizes of pens. I have shown it in connection with a pen of the well-known "Falcon" type.

The body A of the pen is of ordinary or suitable shape and construction. Starting from the side edges of the pen, a proper dis-

tance back of the nib or pen-point, are the side strips or legs *a*, which at their ends are connected by a cross-piece or dam *b*, which preferably has given to it the dished or concave form shown in the drawings, so that when the legs are bent down and back under the pen it will form a pocket to hold the ink. The size of the opening or passage *c* at the rear between the dam and the body of the pen will determine the freedom of delivery of the ink from the pocket to the nib or point of the pen for writing purposes. The legs *a* and cross-piece or dam *b* are integral with the body of the pen and can readily be struck up from the sheet-metal blank at the same time with the pen itself, as indicated in Fig. 3, all that remains to do after getting the parts into this condition being to bend the legs down and back to the position indicated in the other figures. By this construction I produce a cheap and very efficient reservoir-pen with the aid of very little material over and above that required in the manufacture of the pen itself. The legs *a* are formed from that part of the blank which in the manufacture of the same pen without the pocket would be waste, so that really the only additional material in the sheet-metal blank is the inconsiderable bit which is required for the cross-piece or dam *b*.

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

A pen of otherwise ordinary or suitable construction, having on its under side the cross-piece or dam *b*, connected to the body of the pen by side legs *a*, substantially as and for the purposes hereinbefore set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK J. W. FISCHER.

Witnesses:

SAMUEL KRAUS,

PERCY H. BUCKMASTER.