

(No Model.)

B. F. SMITH.
PEN FENDER.

No. 520,663.

Patented May 29, 1894.

Fig. 1.

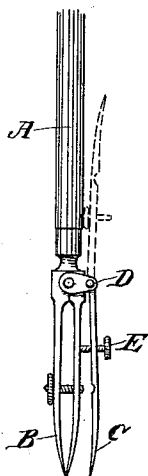
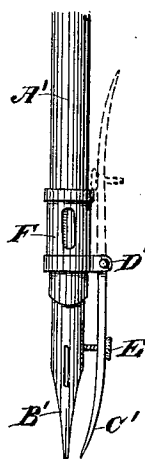


Fig. 2.



Witnesses,

G. B. House
H. F. Aschbeck

Inventor,
Brainard F. Smith
By Dewey & Co
attys.

UNITED STATES PATENT OFFICE.

BRAINARD F. SMITH, OF REPRESA, CALIFORNIA.

PEN-FENDER.

SPECIFICATION forming part of Letters Patent No. 520,663, dated May 29, 1894.

Application filed January 30, 1894. Serial No. 498,491. (No model.)

To all whom it may concern:

Be it known that I, BRAINARD F. SMITH, a citizen of the United States, residing at Represa, county of Sacramento, State of California, have invented an Improvement in Pen-Fenders; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a device which I call a pen fender.

Its object is to provide a means for protecting the ruler from the point of the pen when the latter is used for drawing lines, so that the ink will not be smeared upon the ruler.

It consists in certain details of construction which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 shows the application of my device to a ruling pen. Fig. 2 shows it as applied to a common writing pen.

A is a pen-holder, and B is the pen which is attached to or connected with the holder in any usual or suitable manner, the pen being either a ruling pen or writing pen according to the service to which it is to be applied.

Upon one side of the pen is an arm or fender C which is hinged as shown at D so that it may be turned upward and outwardly around the hinge joint, to lie alongside of the handle or shank A, or it may be turned down so as to stand beside the pen B, with its lower end contiguous to the point of the pen.

E is a screw passing through the side of the fender and the point is adapted to form contact with the side of the pen, so that by turning the screw E, the fender C may be adjusted to any desired proximity with the point of the pen.

In Fig. 2 I have shown the hinge joint D' formed upon a sleeve F which is adapted to slide up or down upon the handle or holder A' so as to adjust the fender C' with relation to the point of the pen.

When the device is to be used, the fender is turned up so as to stand alongside the handle as shown in dotted lines, and this leaves the pen free to be introduced into the ink bottle or other reservoir without any ink

coming in contact with the fender. After the pen is withdrawn from the ink, the fender is turned down to its proper position, the screw E stopping it out of contact with the side of the pen, and when the pen is to be used for ruling the fender rests against the side of the ruler, and thus prevents the ink from the pen from smearing the ruler or getting upon the paper.

It will be seen that by the adjustable sliding sleeve F the point of the fender may be arranged to suit any style of pen which may be in use having longer or shorter points with the same pen-holder, and the sleeve and fender may be applied to different pens.

The fender may be made in various forms and hinged to the holder in any suitable manner, being either permanently a part of the holder or as a removable attachment as previously described.

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

1. The combination with a pen and pen holder, of a fender the upper end of which is pivotally secured to said holder so that the fender may be turned about said pivotal connection and be aligned alongside of the holder above the pivotal connection, when not in use.

2. An attachment for pen holders consisting of a fender hinged at one end and adapted to be turned in vertical planes to reverse its position on the holder, and means for adjusting the fender in lateral planes to increase and decrease the distance between its lower end and the point of the pen.

3. A pen holder and pen, a fender pivotally connected at its upper end to the holder and adapted to swing in vertical planes so that it may be reversed, whereby said fender may occupy a position below the pivotal connection and approximately parallel with the pen, and also a position above the connection and approximately parallel with the holder when said fender is not in use, and an adjusting screw carried by the fender for regulating the distance between the latter and the pen.

4. A sleeve longitudinally-removably at-

tached to a pen holder, a fender carried by
said sleeve having its upper end hinged to
the sleeve so that it may turn about said
hinge to occupy a space above it when the
5 pen is introduced into the ink, and then be
turned down alongside of the pen to serve as
a fender for its inner side when the pen is in
use, said fender also provided with an adjust-

ing screw for regulating the distance of its
lower end from the point of the pen. 10

In witness whereof I have hereunto set my
hand.

BRAINARD F. SMITH.

Witnesses:

HARRY R. BERNARD,
J. M. MINER.