

No. 648,830.

Patented May 1, 1900.

J. D. BARRIE.  
PEN EXTRACTOR.

(Application filed Sept. 21, 1899.)

(No Model.)

Fig. 1.

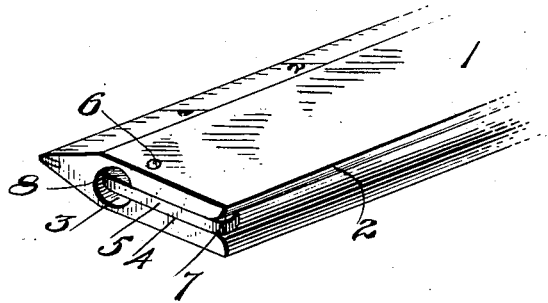
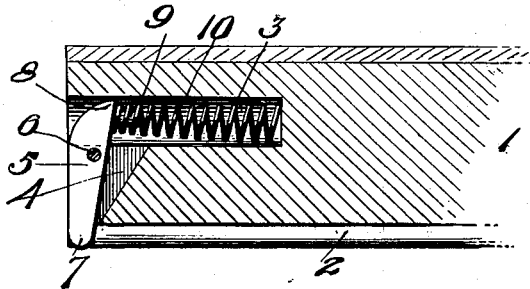


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN D. BARRIE, OF LOS ANGELES, CALIFORNIA.

## PEN-EXTRACTOR.

SPECIFICATION forming part of Letters Patent No. 648,830, dated May 1, 1900.

Application filed September 21, 1899. Serial No. 731,209. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN D. BARRIE, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Pen-Extractors; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to an improved pen-point extractor; and the object of the invention is to provide a simple device of this character whereby the pen-point may be conveniently removed from the penholder without soiling the hands.

To this end the invention consists in certain features of construction and combination of parts, which will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of one end of a desk-ruler having my pen-extractor fitted thereto. Fig. 2 is a sectional view of the same.

In the drawings the same reference characters indicate the same parts of the invention.

1 denotes the ruler or base, the rear edge of which is formed with a longitudinal groove 2, and 3 denotes a cylindrical pocket formed in the end of the ruler parallel with said groove.

4 represents a recess formed in the same end of the ruler and connecting the groove and pocket.

5 denotes a lever fulcrumed on the pin 6, extending through the recess, with its outer end 7 extending into the groove 2 and its

clamping-jaw 8 extending into the pocket, so as to abut against the contiguous wall.

9 denotes a stud formed on the jaw 8 to receive one end of a spring 10, the opposite end of which abuts against the bottom of the pocket.

In using the device the pen-point is inserted between the jaw and the contiguous wall of the pocket, the spring clamping the pen-point between the jaw and the wall of the pocket. The penholder is then forced away from the ruler, leaving the pen-point sticking in the pocket, and the end 7 of the lever is then pushed outward, which draws the jaw away from the wall of the pocket, and thus releases the pen-point.

It will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent of the United States, is—

A base formed with a longitudinal groove, a cylindrical pocket parallel with the groove, and a recess between the groove and the pocket, a lever fulcrumed in the recess and having one end terminating in a clamping-jaw extending into said pocket, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN D. BARRIE.

Witnesses:

CHARLES S. MANN,  
WALTER L. FROST.