

(No Model.)

F. M. STONE.

BILL HOOK FILE.

No. 382,497.

Patented May 8, 1888.

Fig. 1.

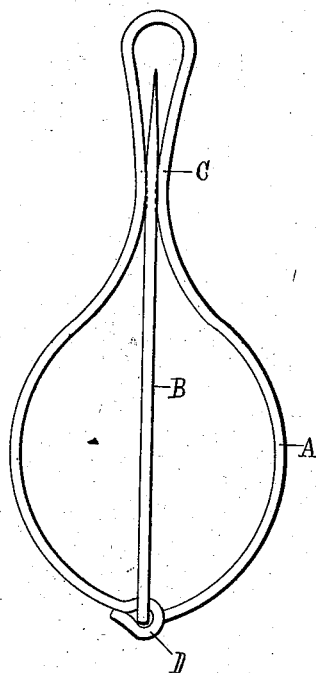
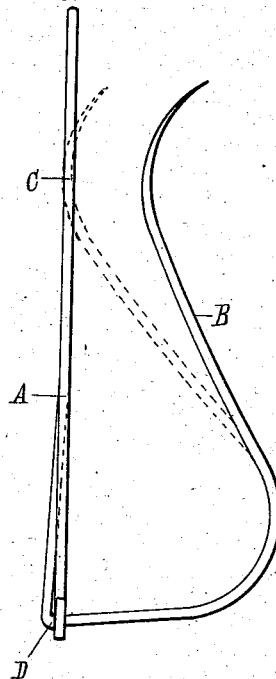


Fig. 2.



WITNESSES:

Oliver T. Samsen.

Wm. Taft.

INVENTOR.

Frederic M. Stone.

BY *Francis C. Bowen.*

ATTORNEY.

UNITED STATES PATENT OFFICE.

FREDERIC M. STONE, OF UNION HILL, NEW JERSEY.

BILL-HOOK FILE.

SPECIFICATION forming part of Letters Patent No. 382,497, dated May 8, 1888.

Application filed February 16, 1888. Serial No. 361,174. (No model.)

To all whom it may concern:

Be it known that I, FREDERIC M. STONE, a citizen of the United States, and a resident of Union Hill, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Bill-Hook Files, of which the following is a specification.

My invention relates to the construction of bill-hook files of wire; and it consists of the novel features hereinafter described for producing a more simple and cheap device than heretofore used, and one of superior efficiency.

In the accompanying drawings, Figure 1 represents a front view of a bill-hook file embodying my invention. Fig. 2 represents a side view thereof.

Similar letters of reference indicate corresponding parts.

Said file is composed of a back, A, of approximately pear shape, and a hook, B, which projects from said back at the base or lower portion thereof and thence upward in the line of the center of the back, the whole being formed of a single piece of wire. By said shape of the back A it is adapted to be suspended from a nail at its upper or smaller end, thereby bringing the hook B in a vertical position to receive the desired bills or papers, while the lower or wider portion of the back not only constitutes an effective support for the papers on the hook, but also facilitates the adjustment of the file on the nail, inasmuch as the nail may be first brought in the wider portion and then in the top or smaller portion of the device. At a point opposite to or near the end of the hook B the back is contracted, as at C, to render the space between the double wire of a width less than the thickness of the hook, so that if the end of the hook is forced through said contraction it is engaged thereby, with

the effect of retaining the hook in a closed position, as shown by dotted lines in Fig. 2, which affords an additional security against the papers coming off the hook, as when they are being handled.

In the present example of my invention the hook B is made to spring away from the back A, so that if the contracted part is spread to release the end of the hook the latter at once assumes an open position; but, if desirable, the hook may be made to spring toward the back, so as to close automatically.

In the manufacture of my file the wire is first bent to a pear shape and joined at the base, as at D, and then bent to form the hook, and by its construction a comparatively small amount of wire is used, which simplifies and cheapens the device, while it at the same time is very effective in use.

I am aware that a bill file has heretofore been made of wire with a hook and a catch for receiving the end of the hook, and I do not claim such, broadly, as my invention.

What I claim as new, and desire to secure by Letters Patent, is—

A bill hook file formed of a single piece of spring-wire, with a back, A, of approximately pear shape, adapted to be suspended by its upper or smaller end, and a hook, B, projecting outward from the base of said back and thence upward in the line of the center thereof, the back being contracted at a point opposite to the end of the hook to receive said end, and thereby retain the hook at a closed position, as shown and described.

FREDERIC M. STONE.

Witnesses:

FRANCIS C. BOWEN,
K. O. WHITE.