

(No Model.)

J. STRETCH.
FISH HOOK.

No. 470,311.

Patented Mar. 8, 1892.

Fig. 1.

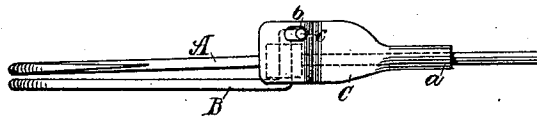


Fig. 2.

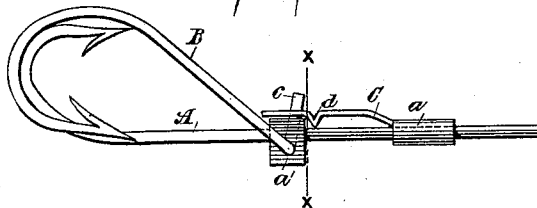


Fig. 3.

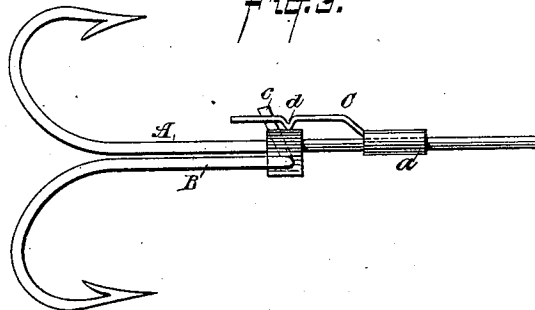
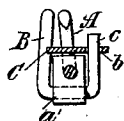


Fig. 4.



WITNESSES:

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JOSEPH STRETCH, OF NEWARK, NEW JERSEY, ASSIGNOR OF ONE-HALF TO
ALEXANDER MILNE, OF SAME PLACE.

FISH-HOOK.

SPECIFICATION forming part of Letters Patent No. 470,311, dated March 8, 1892.

Application filed April 8, 1891. Serial No. 388,144. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH STRETCH, a citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Fish-Hooks, of which the following is a specification.

My invention relates to an improvement in fish-hooks, and more particularly to that kind or class thereof known as "flies" or "fly-hooks," the object being to adapt or apply the improved hook patented to me on the 13th day of January, 1891, and numbered 444,656, to this class or character of hook.

With this end in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter fully described, and pointed out in the claims.

In the enlarged accompanying drawings, Figure 1 is a top plan view of my improved hook in its closed adjustment. Fig. 2 is a side view of the same. Fig. 3 is a similar view of the hook in its open adjustment, and Fig. 4 is a sectional view taken on the line *x x* of Fig. 2.

In the drawings referred to the feathers forming the fly have been omitted for the sake of clearness, but in practice will be secured in the ordinary manner well known to those skilled in the art.

A represents one part of the hook, B another part rocking on the part A, and *a'* an enlargement secured on the part A and through a hole in which passes the bent end of the part B, said parts A and B being each provided with the ordinary barbed points, as fully described in the patent hereinbefore referred to.

On the extended end of the part A is loosely mounted the spring-arm C, the rear end *a* of which is formed or bent around in the form or shape of a sleeve and is adapted to slide on the part A, and to which sleeve *a* is secured the feathers or fly. (Not shown.)

The free end of the spring-arm C is provided with a hole or slot *b*, Figs. 1 and 4, into and through which passes the bent end *c* of

the part B, and in front of which hole or opening said arm C is provided with a lug or shoulder *d*, preferably formed by stamping or bending the metal downwardly, as shown.

It will be understood from the above that the hook is adjusted to its closed position by bringing the barbed ends of the parts A B, which are set in opposite directions, together and until the shoulder *d* on the spring-arm C falls behind the enlargement *a'*, where it is held in position thereby.

When the fly is taken into the mouth of the fish, the latter gives it a slight pull backwardly, which has the effect of also sliding the arm C, to which the fly is secured, backwardly, whereupon, through the intervention of the bent end *c* of the part B, the latter is rocked in the enlargement *a'* and separated from the part A, as shown in Fig. 3 of the drawings, thereby securely fastening the fish thereon.

My invention is exceedingly simple in construction and certain in its operation, all danger of losing the fish by not "striking" at the proper moment being overcome, as by reason of the peculiar construction and arrangement of the parts the fish securely hooks or fastens itself.

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

1. In a fly-hook, the combination, with a stationary hook, of a second hook rocking in a bearing formed upon the former, a spring-arm adapted to slide upon said stationary hook and loosely connected with said rocking hook and provided with a lug or shoulder adapted to engage with a shoulder on said stationary hook for the purpose of holding the several parts in their closed adjustment, substantially as described.

2. In a fly-hook, the combination, with a stationary hook and a second hook rocking upon the former, consisting of a stationary hook provided with an enlargement or bearing in which said rocking hook is mounted, of a spring-arm mounted and sliding upon said stationary hook and provided with a

shoulder adapted to engage with said enlargement formed upon such stationary hook, and also provided with a slot for the reception of the bent end of said rocking hook, the several parts being constructed and arranged to operate in the manner and for the purpose set forth.

Signed at New York, in the county of New York and State of New York, this 7th day of February, A. D. 1891.

JOSEPH STRETCH.

Witnesses:

BYRON P. STRATTON,
WILLIAM GOEBEL.