

F. JONES.

SWIVEL ATTACHMENT FOR FISHING LINES.

No. 184,627.

Patented Nov. 21, 1876.

Fig. 1.

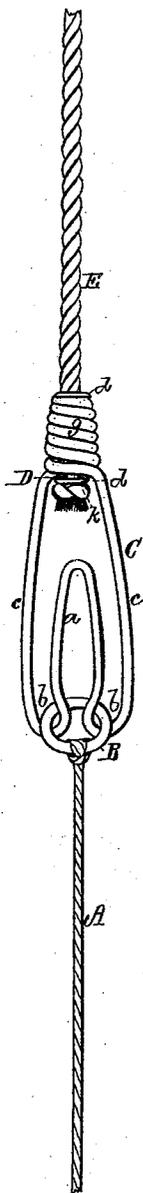
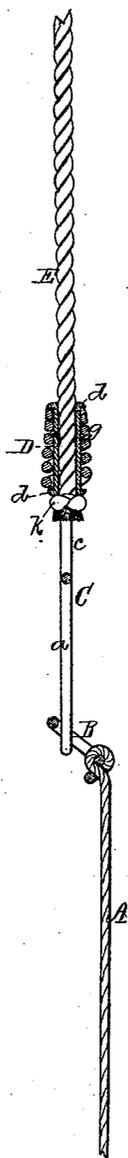


Fig. 2.



Witnesses
S. W. Piper
L. M. Milled

Frederick Jones
by his attorney.
R. H. Eddy

UNITED STATES PATENT OFFICE.

FREDERICK JONES, OF GLOUCESTER, MASSACHUSETTS.

IMPROVEMENT IN SWIVEL ATTACHMENTS FOR FISHING-LINES.

Specification forming part of Letters Patent No. 184,627, dated November 21, 1876; application filed June 5, 1876.

To all whom it may concern :

Be it known that I, FREDERICK JONES, of Gloucester, of the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Swivel Attachments for Fishing-Lines; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a side view, and Fig. 2 a longitudinal section, of one of my improved articles.

It is to enable the ganging-line of a fish hook or hooks to be readily connected with or disconnected from the fishing-line.

It is composed of a ring, a double-flanged tube, and a swivel, consisting of a single piece of wire, bent so as to form elastic arms and a catch-tongue, and a tubular head, the latter loosely encompassing the tube between its two end flanges.

In the drawings, A denotes the ganging-line as secured at one end or at its middle to a ring, B, embracing the elastic catch-tongue *a* at its junction with the elastic arms *c c* of the swivel C. The said swivel is composed of a piece of wire bent at its middle, so as to form the elastic tongue *a*, with its catch-recesses *b b*, and thence bent upward, as shown, so as to form elastic arms *c c*, to extend above the tongue, such arms being subsequently bent in helices so as to form loosely around a tube, D, having a flange, *d*, at each end of it,

as shown, a tubular head, *g*. The fishing-line E goes through the tube, and is tied in a knot, *k*, to prevent it from being drawn out of such tube.

To disengage the ring from the swivel while the latter is held in the hand of a person, the swivel should be inverted and its elastic arms be pressed toward each other by the thumb and finger of the hand, such causing the tongue to be contracted in a manner to enable the ring to readily escape from it.

To engage the ring of the ganging-line with the swivel, the tongue is to be inserted in the ring, and the latter drawn along the tongue to its base.

I claim—

1. The combination of the ganging-line ring B with the swivel C, provided with the elastic arms *c c* and catch-tongue *a*, arranged as set forth.

2. The improved swivel C, composed of wire bent so as to form the elastic arms *c c*, catch-tongue *a*, and tubular head *g*, all substantially as shown and described.

3. The combination of the double-flanged tube D with the wire swivel C, bent around such tube, and having the elastic arms *c c* and catch-tongue *a*, all being essentially as set forth.

FREDK. JONES.

Witnesses:

E. F. HATCH,
J. F. FISHER.