

F. JONES.

SWIVEL ATTACHMENT FOR FISHING LINES.

No. 184,627.

Patented Nov. 21, 1876.

Fig. 1.

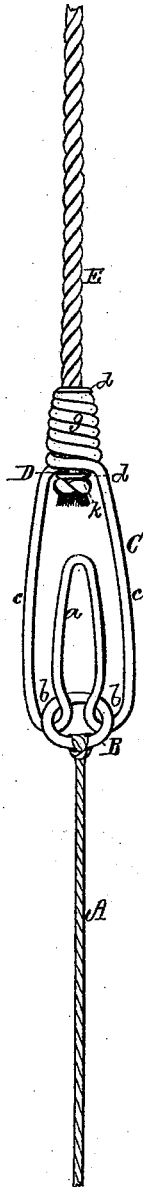
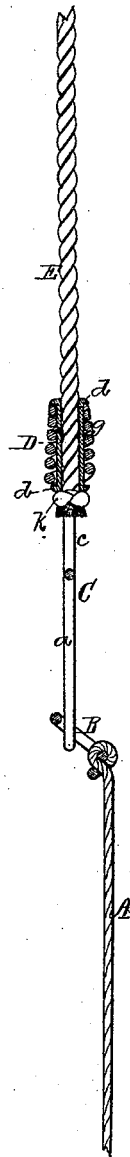


Fig. 2.



Witnesses  
S. W. Piper  
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# 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 *cc* 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 *bb*, and thence bent upward, as shown, so as to form elastic arms *cc*, 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 *cc* and catch-tongue *a*, arranged as set forth.

2. The improved swivel C, composed of wire bent so as to form the elastic arms *cc*, 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 *cc* and catch-tongue *a*, all being essentially as set forth.

FREDK. JONES.

Witnesses:

E. F. HATCH,  
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