Aug. 21, 1956 B. BRATEK 2,759,288

CASTING ROD

Filed April 12, 1954

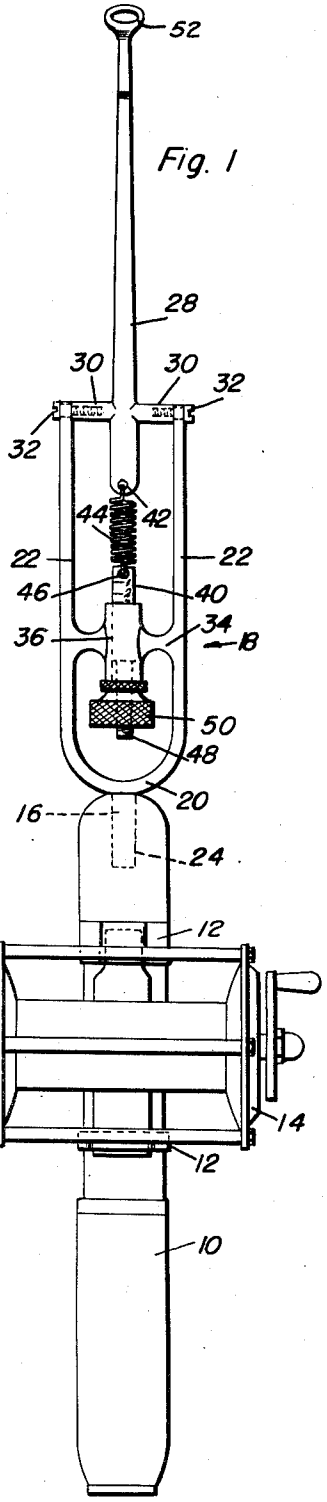


Fig. 1

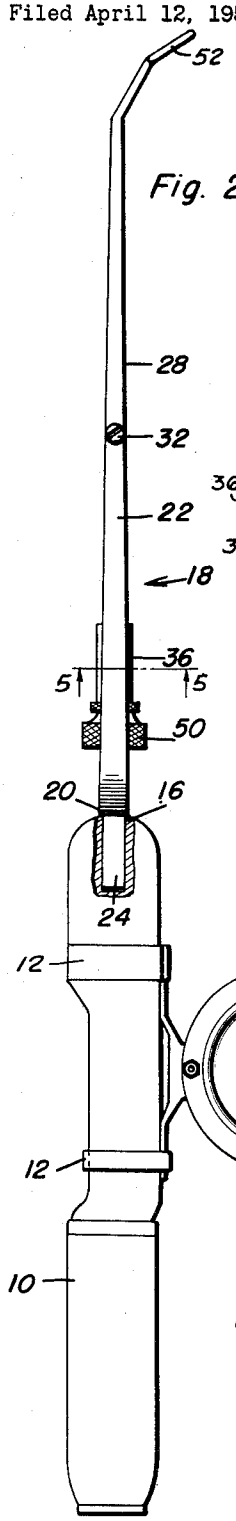


Fig. 2

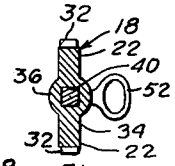


Fig. 5

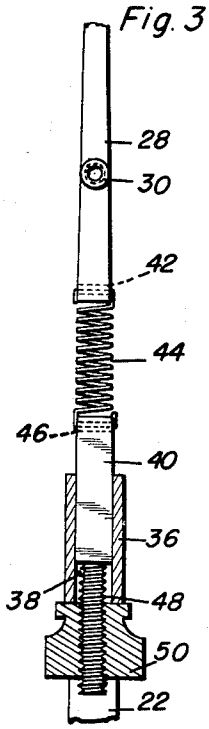


Fig. 3

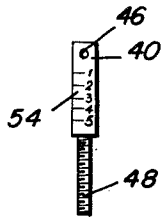


Fig. 4

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CASTING ROD

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4 Claims. (Cl. 43—18)

This invention relates to a casting rod and more particularly to a fishing rod wherein the pole portion is movably attached to the handle portion.

An object of this invention is to provide a casting rod which is relatively short as compared to the conventional casting rods and which is provided with resilient means for retaining the flexibility of the conventional casting rods.

Another object of this invention is to provide a relatively stiff casting rod having means permitting the rod to flex on making a cast of bait.

A further object of this invention is to provide a casting rod having resilient means thereon which can be adjusted to vary the flexibility of the rod.

A yet further object of this invention is to provide a casting rod which is simple and efficient in construction and durable and lasting in use.

A still further object of this invention is to provide a casting rod which is adapted for use under perplexing casting conditions difficult to cope with, such as for example where the banks of the body of water are lined with trees and bushes.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a top elevational view of the casting rod forming the subject of this invention;

Figure 2 is a side elevational view, with a portion broken away and shown in section of the same;

Figure 3 is a sectional view taken through the adusting means for the resilient spring of said casting rod;

Figure 4 is a perspective view of the block for adjusting the tension on the resilient spring; and,

Figure 5 is a cross-sectional view through the device taken on the line 5—5 of Figure 2.

Referring now more particularly to the accompanying drawings, it will be seen that the improved casting rod forming the subject of this invention includes, a handle portion **10** having the conventional sliding rings **12** mounted thereon for securing a reel **14** in position on the handle. One end of the handle **10** is provided with a recess or socket **16** which extends longitudinally and axially of the handle **10** and opens through one end of the handle.

A yoke **18** having a bight portion **20** and complemental legs **22** is adapted to be connected to the handle **10** by means of a pin **24** which is secured to the bight portion **20** and is received in the recess **16** in the handle **10**.

A pole portion **28** is mounted on the yoke **18** and is provided with a pair of lateral projections **30** extending from opposite sides thereof adjacent one end in the manner shown. Suitable fasteners **32** extend through apertures in the free ends of the legs **22** and into recesses in the projections **30** for pivotally mounting the pole portion **28** on the yoke **18**.

Extending between the intermediate portions of the

legs **22** is a cross member **34**. The cross member **34** supports a socket member **36** which is disposed centrally between the legs **22** and is provided with a rectangular bore **38** extending therethrough parallel to the legs **22**. A block **40** having a cross section similar to the bore **38** is slidably mounted in said bore.

The end of the pole portion **28** which is disposed between the legs **22** is provided with a transverse aperture **42**. A resilient spring **44** is connected at one end to the aperture **42**. The other end of the spring **44** is connected to an aperture **46** in one end of the block **40**.

The other end of the block **40** is provided with an externally threaded extension **48** which extends from the end of bushing **36** opposite the spring **44**. An internally threaded knob **50** is threadedly engaged on the extension **48** for adjusting the block **40** longitudinally within the aperture **38**. The knob **50** may be provided with a knurled outer surface to facilitate the rotation thereof in order to adjust the block **40**.

The outer end of the pole portion **28** is provided with a suitable eye **52** which will receive the fish line (not shown) from the reel **14**. Further, the block **40** can be provided with suitable indicia **54** (see Fig. 4) for indicating the positioning of the block **40**.

In practical use of the device, the pole portion **28** is mounted on the yoke by means of the fasteners **32**. Then, the pin **24** on the yoke **18** is inserted in the socket **16** in the handle **10**. Then, a person using the casting rod adjusts the tension of the spring **44** by rotating the nut **50**. Thus, when a cast is made, the handle **10** may be held rigid but the spring **44** will permit the pole portion **28** to move out of longitudinal alignment with the handle **10**.

The spring **44** will return the pole portion **28** to longitudinal alignment with the handle **10** after the cast has been completed.

Since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the appended claims.

What is claimed as new is as follows:

1. A casting rod comprising a handle portion, a pole portion, means pivotally securing said pole portion adjacent one end thereof to said handle portion, and resilient means mounted on said handle portion engaging said one end of said pole portion for maintaining said pole portion in longitudinal alignment with said handle portion, said resilient means being longitudinally aligned with said pole portion, said handle portion being provided with a yoke extending from one end thereof, said yoke being provided with a pair of parallel legs, said pole portion being pivotally secured to the free ends of said legs, said yoke being provided with a transverse member extending between and intermediate the legs thereof, said resilient means being connected at one end to said member and at its other end to the said one end of said pole portion.

2. The combination of claim 1 wherein said resilient means is adjustably connected to said member.

3. The combination of claim 2 wherein said adjusting means comprises a block slidably mounted on said member for movement parallel to the legs of said yoke, said resilient means being connected to one end of said block and locking means connected to the other end of said block and engaging said member for selectively positioning said block with respect to said member.

4. A casting rod comprising, in combination, a linearly straight handle portion, a complemental linearly straight and rigid pole portion, a yoke having a bight portion and companion spaced parallel legs, said bight portion abut-

ting and being affixed to one end of said handle portion with the yoke in general axial alignment with the lengthwise axis of the handle portion, said pole portion being provided intermediate its inner and outer ends with a pair of aligned oppositely disposed lateral projections situated between the free ends of said legs and detachably and pivotally connected to said free ends so that said pole portion may swing into and out of longitudinal alignment with said yoke and handle portion, said pole portion being provided at its outer end with a fishing line eye, an axially disposed socket member mounted between said legs, said socket member having a non-circular bore extending longitudinally therethrough, a calibrated non-circular block slidably mounted in said bore and having a screw-threaded extension projecting through and beyond one end of the bore, an assembling and adjusting nut carried by said extension and abutting an adjacent end of said socket member, and a coil spring providing a flexible connection between one end of the block and the adjacent inner end of said pole portion.

References Cited in the file of this patent

UNITED STATES PATENTS

1,056,870	Whistler	Mar. 25, 1913
2,306,638	Meisler	Dec. 29, 1942
2,482,081	Stine	Sept. 27, 1949
2,559,933	Briney	July 10, 1951

FOREIGN PATENTS

575,592	Great Britain	Feb. 25, 1946