March 2, 1954 O. E. ANDERSON 2,670,563

MEANS FOR MOUNTING SNELLED FISHHOOKS IN CARRIER RECEPTACLES

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FIG. 1.

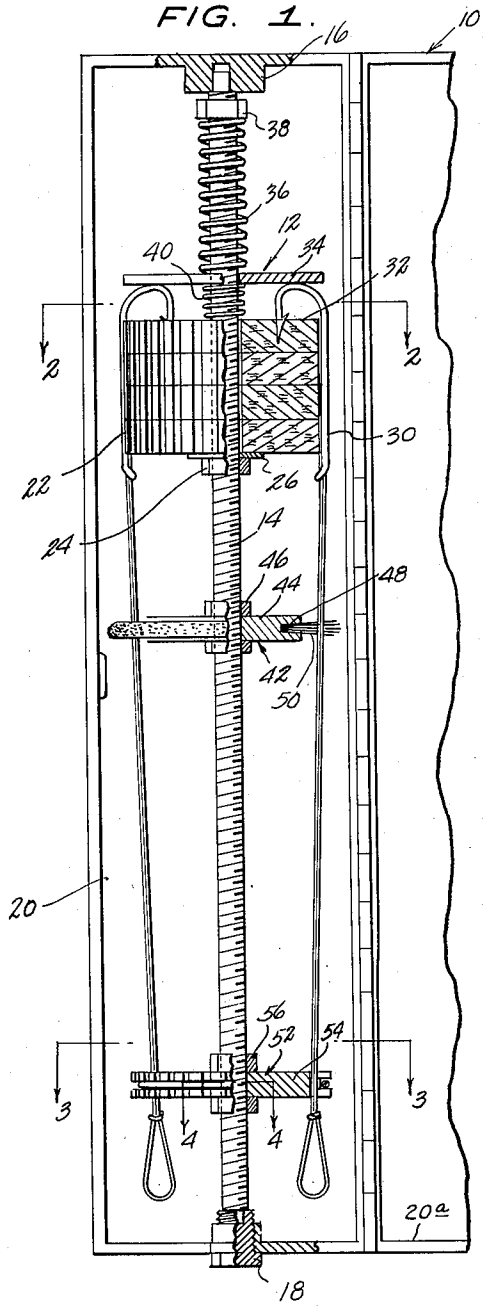


FIG. 2.

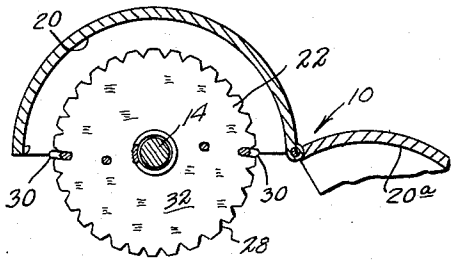


FIG. 3.

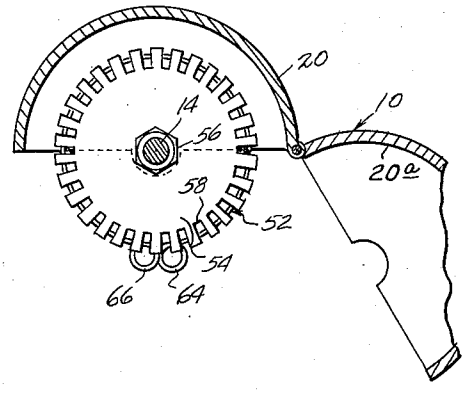
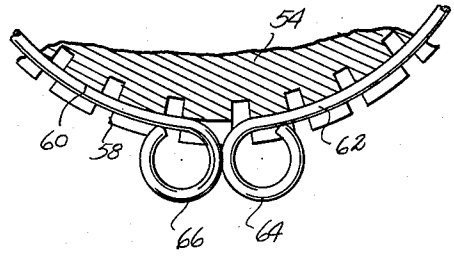


FIG. 4.



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MEANS FOR MOUNTING SNELLED FISH-HOOKS IN CARRIER RECEPTACLES

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2 Claims. (Cl. 43—57.5)

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This invention appertains to improvements in carriers or receptacles for snelled fish hooks or artificial flies and constitutes an improvement over my pending application, Serial No. 128,113, filed November 18, 1949.

One of the primary objects of this invention is to provide an improved means for releasably mounting fish hooks in a receptacle or carrier and for supporting them in spaced relation and to provide means for holding the snells taut from the hooks and out of engagement with each other.

Another object of this invention is to provide a shaft, rotatably journaled in the receptacle or carrier, on which a hook supporting member is circumposed and in one end of which the barbed ends of the hooks are embedded and to provide a spring urged retaining member, which is mounted on the shaft for engagement with the embedded ends of the hooks.

Another object of this invention is to provide a longitudinally adjustable hook supporting member on which the hooks are held against accidental dislodgement and to provide a cooperating snell retaining member, which is longitudinally adjustable on the shaft and which is formed with means for lockingly retaining the snells out of engagement with the side walls of the receptacle and in taut alignment with the hooks.

These and ancillary objects and structural features of merit are attained by this invention, a preferred embodiment of which is set forth in the following description and illustrated in the accompanying drawing, wherein:

Figure 1 is an elevational view of one of the half sections of the cylindrical casing, with parts in section, within which the hook and snells retaining means is rotatably mounted;

Figure 2 is a transverse sectional view taken on line 2—2 of Figure 1;

Figure 3 is a transverse sectional view taken on line 3—3 of Figure 1, and,

Figure 4 is a fragmentary cross sectional line taken on line 4—4 of Figure 1.

By way of improvement, it is the purpose of the present invention to provide a retaining plate or member, which is slidably mounted on the shaft and resiliently urged into engagement with the embedded ends of the hooks for dependably retaining the barbed ends of the hooks embedded in one end of the hook supporting member. Also, it is another purpose and object of the present invention to provide a more conveniently operated and simply constructed locking means for the snell supporting member.

Referring now more particularly to the accompanying drawing, a cylindrical sectional casing 10

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forms the carrier for the hook supporting means 12. The hook supporting means includes an exteriorly threaded shaft 14, which has its opposing ends journaled in bosses 16 and 18 formed in the opposing ends of the half section 20 of the casing. The other half section 20a of the casing is hingedly connected to the section 20 as clearly shown in Figure 1. A cylindrical hook supporting member 22, which may be laminated, as illustrated, or formed in one piece, is circumposed on the shaft and secured thereon by a locking nut 24, which threadedly engages the shaft and is spaced from engagement with one end of the hook supporting member by a washer 26. The hook supporting member 22 is longitudinally adjustable on the shaft by means of the locking nut 24. The hook supporting member is formed with vertical circumferentially spaced peripheral grooves 28 for the reception of the shanks of the hooks 30, with their barbed ends embedded in the upper end 32 of the hook suporting member.

Means is provided and is mounted on the shaft above the end 32 of the hook supporting member for contacting the embedded ends of the hooks and retaining the hooks in secure placement on the hook supporting member 22. The means includes a retaining plate 34, which is slidably disposed on the shaft and is urged relative to the end 32 of the hook supporting member and into pressure engagement of the barbed ends of the hooks by means of a spring 36. The spring 36 is concentrically coiled on the shaft and bears against one side of the plate 34 at one end, the spring being adjustably held on the shaft by a locking nut 38, against which the opposing end of the spring bears.

A compressible spacing member 40 is mounted on the shaft and operatively interposed between the end 32 of the supporting member and the plate 34, the member 40 being provided to retain the plate 34 out of contact with the end 32 of the hook supporting member, when there are no hooks mounted on the supporting member 22 and also being provided to assist in the manual release of the retaining member. The spacing member preferably includes a spring, which is coiled on the shaft and interposed between the plate and the end 32 of the hook supporting member, the spring being compressible under the larger coil spring 36, which urges the plate under pressure into engagement of the embedded ends of the hooks.

Means 42 is adjustably mounted on the shaft below the hook supporting member 22 for locating the snells in spaced relation, the means including a disk 44, having a threaded hub 46, which

threadingly engages the shaft. A circumferentially disposed peripheral groove 48 is formed in the disk and an annular row of brushes 50 is mounted therein.

Snell retaining means 52 is mounted on the shaft in spaced relation thereon from the hook supporting member 22 and includes a disk 54, provided with an internally threaded hub 56 threadingly engaged on the shaft. A plurality of circumferentially spaced and vertically disposed peripheral slots 58 are formed on the disk for seating the snells. Locking means is provided for releasably retaining the snells in the slots, the locking means including a circumferentially disposed peripheral groove 60, within which a split resilient ring 62 is rotatably mounted, the opposing ends of the ring 62 being provided with gripping eyelets 64 and 66, which are normally disposed in contacting engagement.

In use, the hook 30 is embedded in the end 32 of the hook supporting member by manually moving the plate 34 away from the end 32 a sufficient distance to permit the insertion of the barbed end of the hook between the plate and the end of the supporting member and the embedding of the barbed end of the hook into the supporting member. Release of the plate 34 will effect a longitudinal sliding movement of the plate into pressure engagement of the barbed end of the hook, under the urgement of the spring 36, the plate retaining the hooks in secure placement on the hook supporting member. The snell of the hook is then inserted in the brush 50 and the outer end thereof is seated in one of the slots 58, by spreading the ends 64 and 66 of the retaining ring apart to permit of the radial insertion of the snell end in the slot.

Having thus described this invention, what is claimed is:

1. A receptacle for fishhooks comprising a casing, a shaft rotatably journaled in the opposing ends of said casing, a hook supporting member circumposed on and secured to said shaft adjacent one end of the latter, for the embedment of the barbed ends of hooks therein, a plate positioned intermediate said hook supporting member and said one end of said shaft and slidably supported on said shaft, a coil spring circumposed about the portion of said shaft between said plate and said one end of said shaft and operatively connected to said plate and shaft for urging said plate toward said hook supporting member, a second coil spring circumposed about the portion of said shaft between said plate and said hook supporting member for urging said plate away from said hook supporting member, and a snell retaining member circumposed on and secured to said shaft adjacent the other end of the latter and having circumferentially spaced slots for the seating of the snells therein.

2. A receptacle for fishhooks comprising a casing, a shaft rotatably journaled in the opposing ends of said casing, a hook supporting member circumposed on and secured to said shaft adjacent one end of the latter, for the embedment of the barbed ends of hooks therein, a plate positioned intermediate said hook supporting member and said one end of said shaft and slidably supported on said shaft, a coil spring circumposed about the portion of said shaft between said plate and said one end of said shaft and operatively connected to said plate and shaft for urging said plate toward said hook supporting member, a second coil spring circumposed about the portion of said shaft between said plate and said hook supporting member for urging said plate away from said hook supporting member, a snell retaining member circumposed on and secured to said shaft adjacent the other end of the latter and having circumferentially spaced slots for the seating of the snells therein, said snell retaining member having a circumferential groove, and a resilient split locking ring rotatably mounted in said circumferential groove of said snell retaining member and intersecting the slots in the latter, said ring having the split ends formed as closed loops normally urged by the springable nature of the ring into contact with each other.

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