Aug. 8, 1950 R. E. GLAHN 2,517,867

TACKLE BOX

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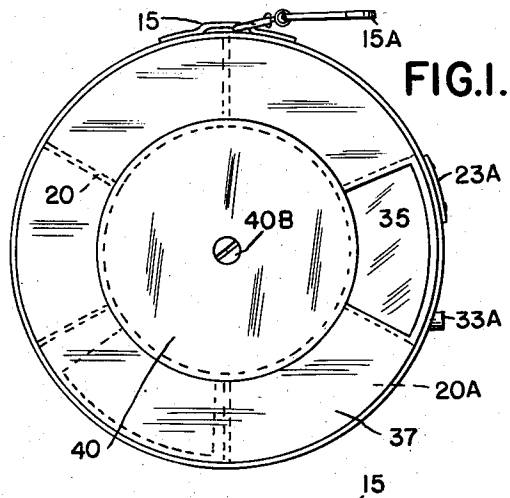


FIG.1.

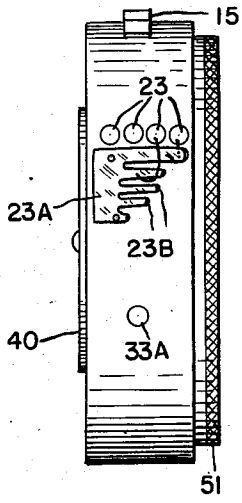


FIG.2.

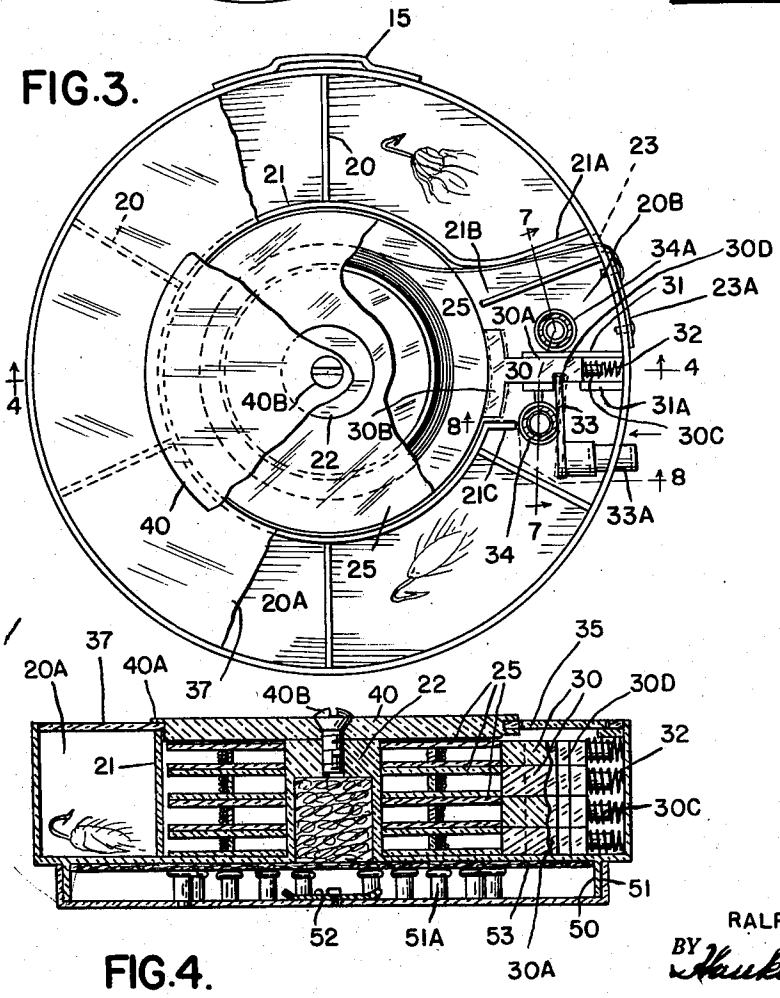


FIG.3.

FIG.4.

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FIG.5.

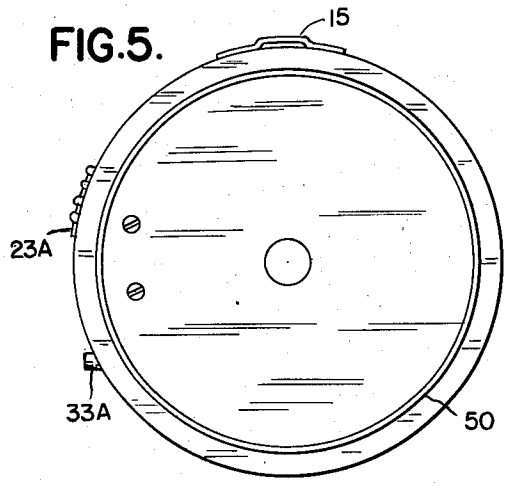


FIG.6.

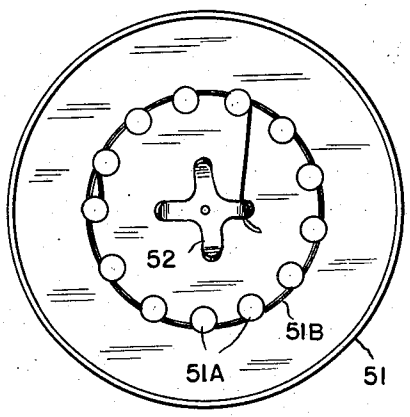


FIG.7.

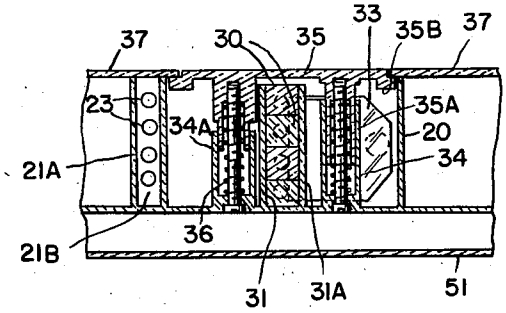


FIG.8.

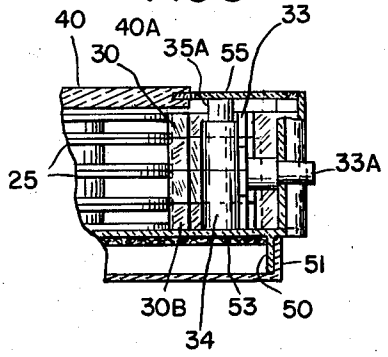


FIG.9.

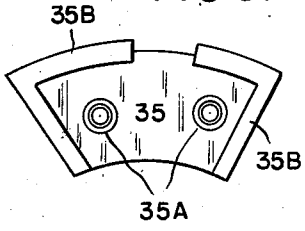
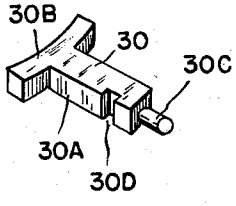


FIG.10.



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TACKLE BOX

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Application February 17, 1949, Serial No. 77,040

5 Claims. (Cl. 242—146)

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The present invention relates to special containers and more specifically to boxes for containing leader material and flies for anglers.

Among the objects of the invention is to provide a box or container capable of holding a variety of leader material and also a variety of flies, all readily accessible to the user.

Another object is to provide a container of the kind indicated in which any leader material or kind of fly may be selected without disturbing the other contents of the container.

Still other objects and advantages will be apparent to those skilled in the art upon reference to the following description and the accompanying drawings in which

Fig. 1 is a plan view of the container.

Fig. 2 is a side elevation as from the right of Fig. 3.

Fig. 3 is a view similar to Fig. 1, but with parts broken away.

Fig. 4 is a sectional view as if on line 4—4 of Fig. 3.

Fig. 5 is a bottom plan view.

Fig. 6 is an inside view of the bottom cover.

Fig. 7 is a section on line 7—7 of Fig. 3.

Fig. 8 is a section on line 8—8 of Fig. 3.

Figs. 9 and 10 show details of construction.

In the drawings, the container is shown as cylindrical and provided with a loop 15 to which is secured a swiveled snap hook 15A by means of which it may be suspended from the angler's belt or other suitable support.

The container is as shown most clearly in Figs. 3 and 4 divided by radially arranged partitions 20 and a circular partition 21 into a central well portion and a number of arcuate compartments 20A and 20B. Further, the circular well is provided with a centrally located post 22.

As shown in Fig. 3, the partition 21 does not entirely surround the central well but is curved outwardly at one end to an approximately radial position as at 21A and serves as a wall for the adjacent arcuate compartments 20A. It also at this location serves as one wall of a radial passage 21B leading from the central well to the outer curved wall of the container. At its other end, the member 21 extends a short distance into compartment 20B and is turned radially outward a short distance as at 21C.

Opposite the outer end of passage 21B the outer wall of the container is provided with a plurality of openings 23 (see Fig. 2) and fixed to the outer periphery of the container adjacent the openings is a spring plate 23A provided with a plurality of fingers 23B, there being as many fingers as there are openings 23.

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Located in the central well are a plurality of thin reels 25 each adapted to receive a considerable supply of leader material, each reel of course holding a different material. These reels are rotatably carried on the post 22, and when assembled in the container, the loose ends of the material from each pass through passage 21B and through openings 23 and each is drawn under one of the fingers 23B on the outside wall of the container.

In order to maintain the leader material on the reels 25 tightly wound thereon by preventing rotation of the reels, each is provided with a brake adapted to act on its periphery.

These brakes are shown at 30 and a single brake member is shown in Fig. 10. In this figure, the brake member is shown to consist of a stem portion 30A having at one end an arcuate cross portion or shoe 30B of a thickness equal to that of a reel. At the other end is an axially arranged pin or reduced portion 30C and in one side near the pin end is a notch 30D.

There will be as many of the brakes 30 as there are reels 25, and they will be stacked as shown in Figs. 3 and 4 in suitable guide members 31 and 31A so that each shoe portion contacts the edges of a reel.

In the rear end of the recess formed by the guides 31 and 31A, each of the brakes is provided with a spring 32, preferably a helical spring carried on the pin 30C and acting against the inner face of the outer wall to press the brake against the reel.

In order to relieve the brake pressure on the reels sufficiently to allow some of the material to be unwound by pulling the exposed end, the guide wall 31A is slotted or divided to allow the entrance of the edge of a plate 33 into the notches 30D. This plate carries at its free end a button or knob 33A which extends through the outer wall so that the plate may be rocked on its fulcrum to lift the brakes from their contact with the reels 25. It may be so adjusted that it merely eases the pressure against the reels while allowing the brakes to drag.

The plate 33 is fulcrumed on a tubular guide member 34 within which is telescoped a short tubular leg or stem 35A fixed to an arcuate cover plate 35, there being two of such guide members 34 and 34A spaced as far as convenient from each other in compartment 20B and two of the legs 35A. And in each guide is a suitable helical spring 36 arranged to press the plate 35 upward.

Arranged within the upper edge of the outer circular wall of the container is an annular plate 37 adapted to cover the compartments 20A but having an arcuate opening shaped and sized to receive the arcuate plate 35, as the latter is pressed up from below by the springs 36. The plate 35 is prevented from passing through the opening by means of the flange strips 35B carried by its under face and extending beyond the edges of the plate.

The plate 37 and the reels 25 are maintained in position by means of a circular plate 40 provided with a peripheral flange 40A overlying the plate 37 and fixed to the post 22 by means of a suitable screw 40B. With this arrangement of the annular cover 37, disc 40, and plate 35, access to any of the compartments is had by pressing down the plate 35 to below the level of plate 37 and rotating the latter until the arcuate opening is over the selected compartment. Upon again rotating plate 37 until the opening registers with plate 35, the latter moves up into the opening and prevents further rotation.

In order to provide for an additional supply of the most commonly used leader material or other line material a further storage compartment is provided on the bottom of the container, a vertical flange 50 being provided thereon and a tightly fitting cap 51 provided therefor.

As shown, this cap 51 is provided with a plurality of headed posts 51A about which the filament 51B is wound, a spring fingered clip 52 being provided for securing the end of the material. Further, this material may be kept in a proper condition of humidity by placing on top of the posts 51A a moisture containing pad 53.

I claim:

1. Fishing tackle transport means comprising a cylindrical container partitioned to provide a series of compartments annularly arranged and a centrally located circular well, a plurality of reels adapted to contain leader material mounted for rotation in said well, there being a passageway through the compartments and openings in the outer wall of the container whereby the ends of said material may be led to the outside of said container, means on the outer wall of said container for fixing the individual ends of said material, brake means in one of said compartments, and means for releasing said brake means.

2. Fishing tackle transport means comprising a cylindrical container partitioned to provide a series of compartments annularly arranged and a centrally located circular well, a plurality of reels adapted to contain leader material mounted for rotation in said well, there being a passageway through the compartments and openings in the outer wall of the container whereby the ends of said material may be led to the outside of said container, means on the outer wall of said container for fixing the individual ends of said material, individual brake means in one of said compartments adapted to impede the rotation of each of said reels, and means for releasing said brake means.

3. Fishing tackle transport means comprising a cylindrical container partitioned to provide a plurality of annularly arranged arcuate compartments and a central well, an arcuate cover for one of said compartments, an annular cover plate having an arcuate opening adapted to receive said arcuate cover, means fixing said arcuate cover against lateral movement, said means however permitting movement thereof axially inward of the container, and a separate cover plate for said well, said well cover plate adapted to overlie the inner periphery of said annular cover plate whereby to prevent removal while allowing it to be rotated upon inward movement of said arcuate cover.

4. Fishing tackle transport means consisting of a cylindrical container partitioned to provide a central circular well and a series of arcuate compartments surrounding the latter, a plurality of rotatably mounted reels adapted to contain leader material in said well, means in one of said compartments for controlling the rotation of said reels, a cover plate for said well, a rotatable annular cover for said compartments, a separate cover for said control compartment, said separate cover fixed against lateral movement and adapted to engage said annular cover to prevent rotation thereof, and means permitting disengagement of said covers.

5. Fishing tackle transport means consisting of a cylindrical container partitioned to provide a central circular well and a plurality of arcuate compartments, one of said compartments being open to said well, a center post in said well, a plurality of reels rotatably mounted on said post, a passageway leading from said well to the outside of said casing and located at one end of said open compartment, reel control means in said open compartment and adapted to act upon said reels to prevent rotation thereof, an arcuate cover plate for said open compartment, said plate being movable axially of the container, guide means in the compartment for said plate, an annular cover for the other compartments mounted for rotation within the cylindrical wall of said container and provided with an opening to receive said arcuate cover plate, and a circular cover plate for said well fixed to said post and having its margin overlying the inner periphery of said annular cover plate.

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