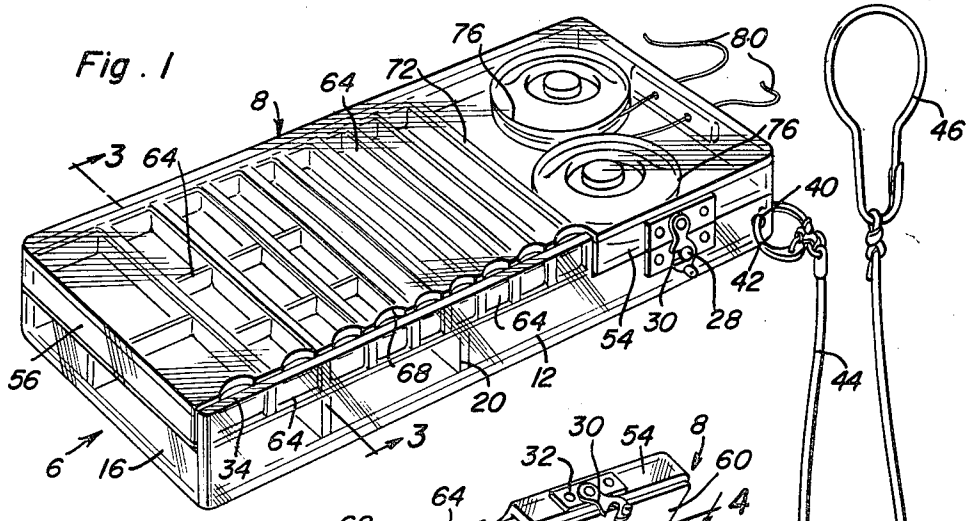
Jan. 20, 1970 J. B. TWEED 3,490,169

TRANSPARENT TACKLE BOX

Filed Oct. 20, 1967

Fig. 1



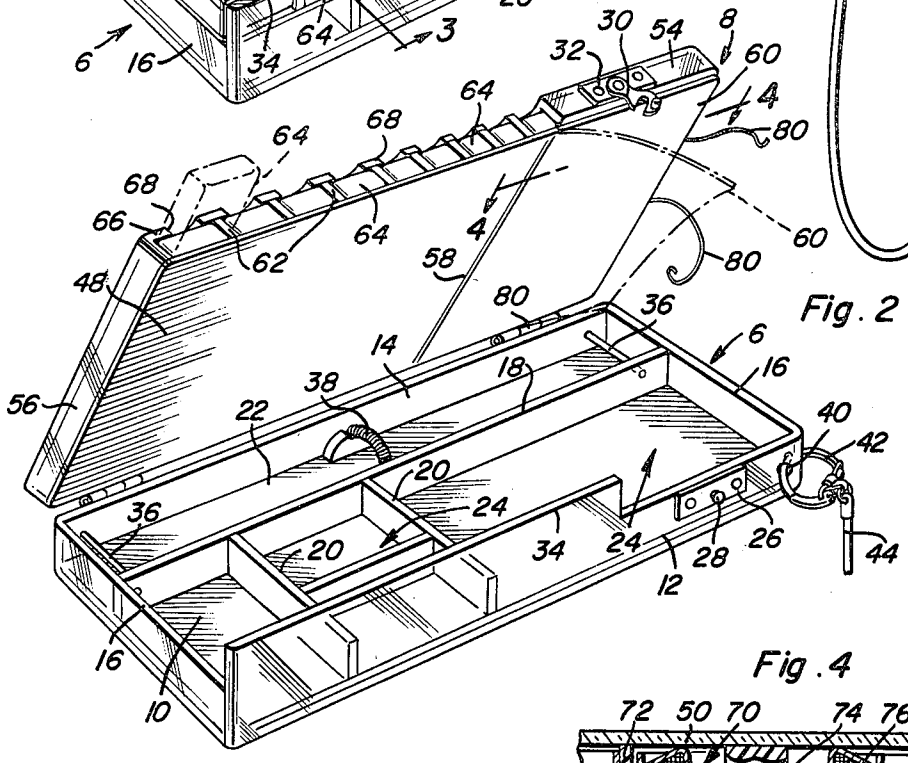


Fig. 2

Fig. 4

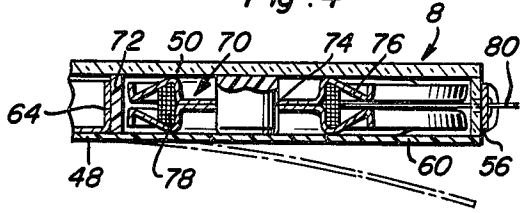
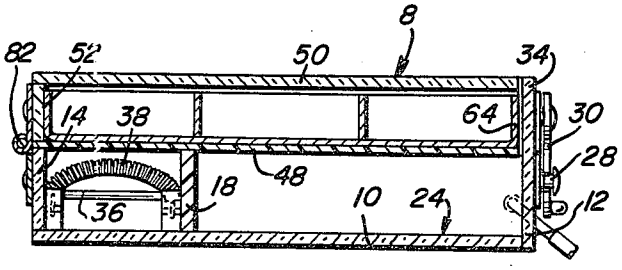


Fig. 3



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TRANSPARENT TACKLE BOX

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ABSTRACT OF THE DISCLOSURE

This pocket-size tackle box is partially unique because its parts are made of crystal-clear plastic material. The base or tray section is compartmented for diversified accessories and supplies. The cover section is hinged and comprises a hollow compartmented case. The small compartments constitute guides for slidingly mounted drawers for split-shot sinkers, hooks, small items and the like. One end compartment is provided with spools of nylon lines whose free ends are withdrawable through friction-retaining holes.

This invention relates to a sectional tackle box whose sections are made of a suitable grade of clear plastic material and wherein the bottom or base section provides a shallow tray having pockets or compartments for diversified supplies and wherein the top section is hinged to serve as a cover section and is fashioned into a compartmented case for viewable storage of small items such as sinkers, fishhooks, swivels and the like.

More particularly, the general objective of this invention is to provide a multipurpose tackle box which will appeal to an angler because it can be appropriately and fittingly carried in a readily available pocket in his jacket and which can be withdrawn and its contents checked for ready accessibility and selective use.

Briefly the herein disclosed tackle box is characterized, generally speaking, by a pair of companion sections, namely, a base section and a complemented top or cover section. The base section embodies a bottom wall, front and rear longitudinal walls and transverse end walls intercooperating partitions and defines and provides a plurality of pocket-like accessory compartments for accessible is of hollow form and is herein defined as a case and is of a size to span and close the open top of the tray or base section. This case is unique in that it embodies a bottom wall, an opposed top wall and front, rear and end walls interposed between and marginally connecting the top and bottom walls. The respective rear walls of the sections are aligned and hingedly joined to provide an openable and closable box. The case is interiorly divided by built-in partitions and provides a plurality of compartments. All of the walls of the base and cover sections are transparent and the bottom wall of the cover section provides a lid for the open top of the base or tray section.

Inasmuch as the box is structurally designed and adapted for easy-to-handle and pocket use it is of necessity of compact and convenient size. Accordingly, and to the ends desired, the respective sections are provided with a plurality of compartments for systematic and selective storage of many and various supplies. Then, too, the compartments in the upper section or case are primarily intended to accommodate a plurality of insertable and removable drawers which are capable of containing numerous sizes of split-shot and other sinkers and numerous other supplies.

Novelty is also predicated on one end portion of the cover or case section wherein the same is provided with a compartment which is expressly made to accommodate insertable and removable spools of nylon or equivalent fishing lines. An end portion of the bottom wall of the case section is flexible and resilient and provides a closing flap which is normally closed but which can be manually opened to permit temporary access to be had to the journals in the compartment on which the spools are mounted for free rotation.

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:

FIG. 1 is a view in perspective of a transparent pocket size tackle box constructed in accordance with the principles of the invention wherein the sections of the box are latched closed and wherein the box is provided at one end with a thong or the like with a clasp which is capable of attachment to the angler's belt or clothing as desired.

FIG. 2 is a view also in perspective and which shows in greater detail how the two sections are constructed.

FIG. 3 is a cross section on a suitably enlarged scale taken on the plane of the section line 3—3 of FIG. 1.

FIG. 4 is an enlarged fragmentary detail view in section and elevation taken through the spool compartment on the section line 4—4 of FIG. 2.

Referring now to the drawing and more particularly to FIGS. 1 and 2 the bottom or base section is denoted at **6** and the complemental top or cover section is denoted at **8**. Both sections are made from transparent plastic material. The base section **6** is of compartmental construction and open at the top and provides a tray or receiver. It comprises a flat bottom wall **10**, upstanding marginal front and rear walls **12** and **14** and transverse end walls **16**. The several dividers or partitions in the tray portion are denoted at **18** and **20**, the partition **18** paralleling the rear wall **14** and providing an elongated compartment **22**. The other partitions or dividers **20** define and provide a plurality of pocket-like smaller storage compartments conveniently denoted at **24**. There are so many small items which anglers use that the articles may be covered as miscellaneous accessories and supplies (not shown). A cleat **26** is provided at one end and is in turn equipped with a headed keeper **28** for a pivoted latch **30** on a complemental keeper **32** carried by the case or cover section **8**. The numeral **34** designates an extending guard or flange which serves a purpose to be later described. The cross pins **36** at the ends of the long compartment **22** cooperate with a latchable coil spring **38** to accommodatingly hold flies or other lures having leaders attached thereto (not shown). This tray section is also provided at one corner with holes **40** to accommodate a link **42** provided with a leather or an equivalent thong **44** having a terminal safety pin-type clasp **46** which can be attached to the angler's clothing in any suitable manner and used as a safety member to guard against displacement and loss of the box.

Taking up now the cover section **8** it is such that it spans and closes the open top of the tray **6**. It embodies a bottom wall **48**, top wall **50** (FIG. 3), a rear longitudinal wall **52**, a partial or short front wall **54** and transverse end walls **56**. With reference to FIG. 2 it will be noted that the major portion of the bottom wall **48** is fixed. There is however provided a transverse bend or fold line at **58** which defines a flap **60**. This flap is flexible and resilient and is normally closed but can be caught hold of and swung to the open position shown in phantom lines in FIGS. 2 and 4 for a purpose to be later described.

The hollow space of the case of cover section **8** is unique in that the compartments are specially constructed and arranged. More particularly, the dividers or partitions are disposed in spaced apart parallel relation and extend transversely acros the hollow space. These parti-

tions **62** are arranged to provide receivers or guides for the insertable and removable small article drawers **64**. The guideways may vary in width and the companion drawers also vary in width and can therefore be of the graduated sizes shown in FIG. 2. Also the front ends of the drawers are capable of being withdrawn through the open marginal edge and to facilitate handling this step it will be evident that the edge portion **66** (FIG. 2) of the top wall is provided with longitudinally spaced notches **68** which are designated as niches to facilitate access to and opening of the sliding drawers. The short front wall **54** encloses a special compartment **70** (FIG. 4) which is located beyond the divider **72** and which compartment is provided with studs **74** which serve as journals for the hub portions of free-turning spools **76** each wound with a nylon or an equivalent fishing line **78** whose free end **80** is withdrawable through small friction-retaining holes provided therefor as is evident from FIG. 1 at the right. Referring again to the openable and closable pliant flap **60** it will be seen that the flap can be opened as shown in phantom lines in FIG. 4 to permit access to be had to the spools **76** in the compartment **70**.

By employing dividers or partitions in the manner shown and described, and using a multiplicity of sliding drawers, the limited space can be advantageously employed for accessibly storing numerous supplies and equipment. It is submitted, therefore, that the invention well serves the purposes for which it is intended.

It is obvious that the two sections **6** and **8** can be hingedly joined in the manner shown at **82** in FIG. 2; or, integral plastic hinges (not detailed) can be utilized for structurally joining the openable and closable sections. It should be further noted that the height of the front flange **34** on the wall **12** is such that it constitutes a guard or shield which spans and covers the ends of the sliding drawers to keep the drawers in place when the sections **6** and **8** are latched together in the manner shown in FIGS. 1 and 3 in particular.

The foregoing is considered as illustrative only of the principles of the invention. Further, 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 and operation shown and described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.

What is claimed as new is as follows:

1. A tackle box of the class described comprising, in combination, a base section embodying a bottom wall, front and rear longitudinal walls and transverse end walls, open at its top and providing a multipurpose tray-like receiver, also having spaced coating interior dividers partitioning the receiver portion into a plurality of selectively usable pocket-like accessory compartments for accessible storage of fishhooks, lures and miscellaneous angler's supplies, a complemental cover section constituting a hollow box-like case of a size to span and close said open top, said case embodying a bottom wall, an opposed top wall and front, rear and end walls intervening between and marginally connecting said top and bottom walls, said rear wall being aligned with and hingedly joined to the rear wall of said base section, said front wall of said case extending for only a portion, said case being interiorly divided by built-in partitions providing a plurality of compartments having an open front closable by an upper part of said front wall of the base section, all of the walls of said base and cover sections being transparent, and the bottom wall of said cover section providing a lid for the open top of said base section.

2. The tackle box defined in and according to claim **1**, and wherein all of said walls are made of crystal-clear sheet plastic material which is significantly fracture resistant and serviceable for practical use even when carelessly handled.

3. The tackle box defined in and according to claim **1**, and wherein one of the compartments in the receiver portion of said base is relatively long, is provided at its respective ends with cross pins and between its ends and said pins with a coiled holddown spring for flies having attached leaders.

4. The tackle box defined in and according to claim **1**, and wherein at least one of the compartments in said receiver portion adjacent the respective rear walls is relatively long and provided with self-contained means for placement and accessible retention of a plurality of fishing flies having complemental attached leaders.

5. The tackle box defined in and according to claim **2**, and wherein a major portion of said upper part of the front wall of said base section is provided with an elongated upstanding flange which serves as a guard and protectively covers and shields a confronting marginal front portion of said cover section.

6. The tackle box defined in and according to claim **1**, and wherein at least one of the compartments at one end of the case is provided with journals, said one compartment containing free turning spools having fishing lines spooled thereon, the adjacent end wall having restricted line accommodating orifices through which free end portions of the respective lines are slidingly threaded for withdrawable use.

7. A tackle box of the class described comprising, in combination, a base section embodying a bottom wall, front and rear longitudinal walls and transverse end walls, open at its top and providing a multipurpose tray-like receiver, also having spaced coacting interior dividers partitioning the receiver portion into a plurality of selectively usable pocket-like accessory compartments for accessible storage of fishhooks, lures and miscellaneous angler's supplies, a complemental cover section constituting a hollow box-like case of a size to span and close said open top, said case embodying a bottom wall, an opposed top wall and front, rear and end walls intervening between and marginally connecting said top and bottom walls, said rear wall being aligned with and hingedly joined to the rear wall of said base section, said front wall of said case extending for only a portion, said case being interiorly divided by built-in partitions providing a plurality of compartments having an open front closable by an upper part of said front wall of the base section, said case being elongated in plan and said dividing partitions being secured to extend transversely across the hollow space of the enclosed case and being spaced apart in parallel relationship and defining sliding drawer encasing guides, said guides opening through the front marginal edge of the case, and a plurality of drawers slidingly mounted in their respective guides and accessible for use by way of said front marginal edge.

8. The tackle box defined in and according to claim **7**, and wherein at least one of the compartments at one end of the case is provided with journals, said one compartment containing free turning spools having fishing lines spooled thereon, the adjacent end wall having restricted line accommodating orifices through which free end portions of the respective lines are slidingly threaded for withdrawable use.

9. The tackle box defined in and according to claim **8**, and wherein a major portion of said upper part of the front wall of said base section is provided with an elongated upstanding flange which serves as a guard and protectively covers and shields a confronting marginal front portion of said cover section, whereby to normally retentively but and retain the drawers within the confines of said drawer guides when the cover section is closed, the forward marginal edge of the top wall of the case having finger niches aligned with said guides and drawers.

10. The tackle box defined in and according to claim **1**, and wherein one corner portion of the tray-like receiver is provided with a ring, said ring being in turn provided with a safety thong and said thong having a free end

portion provided with a readily openable and closable fastener whereby the thong can be attached to the clothing of the angler for safety purposes.

References Cited

UNITED STATES PATENTS

2,558,124	6/1951	Burden	43—57.5
2,724,208	11/1955	Nelson	43—57.5
2,750,706	6/1956	Seals	43—57.5
3,155,231	11/1964	Vinas	206—16 X
3,346,313	10/1967	Fee	43—57.5 X

HUGH R. CHAMBLEE, Primary Examiner

U.S. Cl. X.R.

206—16