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(54) Title: FISHING REEL HOLDER

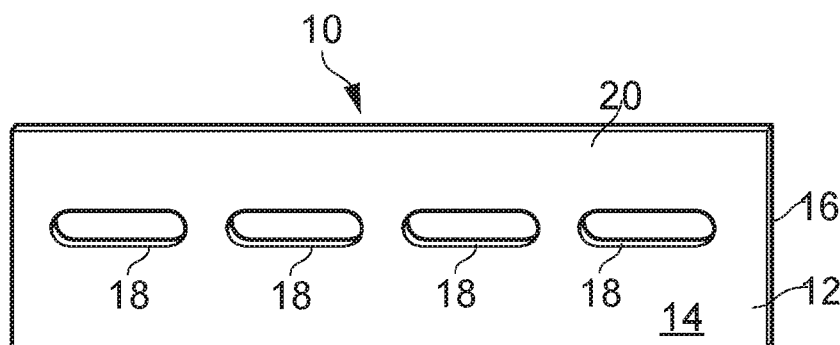


FIG. 2A

(57) Abstract: A rack for holding a fishing reel is disclosed herein. The rack comprises a retaining plate having a rear surface and an elongate aperture therethrough for receiving a reel foot of the fishing reel. In use, the reel foot is inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the retaining plate, thereby retaining the fishing reel in the rack. The rack may further comprise a rear plate which may be mountable on a mounting surface. The retaining plate is spaced forwardly of the rear plate by one or more spacers. In some embodiments the rear plate and the retaining plate are configured for mutual interlocking engagement with one another.

Fishing Reel Holder

Technical Field

[0001] A fishing reel holder is disclosed. Particularly, though not exclusively, a fishing reel holder adapted for retaining and storing one or more fishing reels, such as spinning reels, fly reels, and baitcast reels, is disclosed.

Background

[0002] A fishing reel is a rotary device attached to a fishing rod, for storing, winding up or letting out a fishing line. Several different styles of fishing reels, including fly reel, centrepin reel, baitcasting reel, spinning (fixed-spool) reel, spincast reel or an underspin reel may be employed interchangeably with different styles and weights of rods, depending on the style of fishing or type of fishing line. Consequently, keen anglers may possess several fishing reels (even of similar style) which may accompany them on fishing trips and expeditions so that the appropriate reel may be employed as the circumstances deem necessary.

[0003] The fishing reel is usually detached from the fishing rod when not in use, and stored separately from the rod, typically in a tackle box or in neoprene pouches to protect them from damage, corrosion or scratches to the finish on the fishing reel.

Summary

[0004] Generally, a fishing reel holder is disclosed. The fishing reel holder may take the form of a rack for holding and displaying a fishing reel in a desired location or a portable container for holding the fishing reel, for example during transport.

[0005] A rack for holding a fishing reel is disclosed. The rack comprises a retaining plate having a rear surface and an elongate aperture therethrough for receiving a reel foot of the fishing reel, whereby, in use, the reel foot may be inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the

aperture so that the reel foot bears against a rear surface of the retaining plate, thereby retaining the fishing reel in the rack. In one embodiment, the retaining plate may be suspended from an overhead surface. Alternatively, the retaining plate may be arranged, in use, to be mountable on an upright mounting surface, the retaining plate being spaced from the upright mounting surface at a distance sufficient for the reel foot to bear against the rear surface of the retaining plate without engaging or abutting the mounting surface.

[0006] One embodiment disclosed herein relates to a rack for holding a fishing reel at a desired location on a mounting surface. Said rack comprises a rear plate mountable on the mounting surface and a retaining plate spaced forwardly from the rear plate by one or more spacers; the retaining plate having an elongate aperture for receiving a reel foot of the fishing reel, whereby, in use, the reel foot may be inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the retaining plate, thereby retaining the fishing reel in the rack.

[0007] In one embodiment, the retaining plate and the rear plate of the rack are configured for mutual interlocking engagement with one another.

[0008] In one example, the retaining plate comprises a plurality of lugs configured to facilitate a snap-lock fit with the rear plate of the rack.

[0009] The rear plate may comprise a forwardly projecting portion, wherein the forwardly projecting portion is configured to space the retaining plate forwardly of the rear plate when the retaining plate and the rear plate are in mutual interlocking relationship.

[0010] The rear plate comprises a plurality of slots, the slots being correspondingly positioned and shaped to receive the lugs of the retaining plate. In some embodiments, the slots may be provided in the forwardly projecting portion of the rear plate.

[0011] A portable container for holding a fishing reel is also disclosed. The portable container comprises a case having a retaining wall located in an interior space defined by the case, wherein the retaining wall has an elongate aperture for receiving a reel foot of the fishing reel, whereby, in use, the reel foot may be inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the retaining wall, thereby retaining the fishing reel in the retaining wall of the case.

[0012] In one embodiment the case may comprise a floor, a pair of opposing front and rear walls, a pair of opposing side walls, a closure positionable between an open and a closed position, and a handle for carrying the case. The retaining wall may be spaced between the pair of opposing front and rear walls in parallel alignment therewith.

[0013] In an alternative embodiment, the retaining wall may be spaced above and in parallel alignment with the floor of the case.

Brief Description of Drawings

[0014] Notwithstanding any other forms which may fall within the scope of the fishing reel holder as set forth in the Summary, specific embodiments will now be described, by way of example only, with reference to the accompanying drawing in which:

[0015] Figure 1 is a schematic representation of a fishing reel;

[0016] Figures 2a and 2b are a perspective views of two alternative embodiments of a rack for holding a fishing reel in accordance with the disclosure;

[0017] Figure 3 is a perspective view of another embodiment of a rack for holding a fishing reel in accordance with the disclosure;

[0018] Figure 4 is a perspective view of a further embodiment of a rack for holding a fishing reel in accordance with the disclosure;,,

[0019] Figure 5 is a perspective view of a portable container for holding a fishing reel in accordance with the disclosure;

[0020] Figure 6 is a front perspective view of a further embodiment of a rack for holding a fishing reel, wherein the rack comprises a retaining plate and a rear plate configured for mutual interlocking engagement with one another;

[0021] Figure 7 is a rear perspective view of the rack shown in Figure 6;

[0022] Figure 8 shows a partial view of a rear surface of the retaining plate of the rack shown in Figures 6 and 7;

[0023] Figure 9 shows a partial detailed view of a snap-lock engagement of the rear plate with the retaining plate of the rack shown in Figures 6 to 8; and

[0024] Figure 10 shows a further partial detailed view of the snap-lock engagement of the rear plate with the retaining plate of the rack shown in Figures 6 to 9.

Description of Embodiments

[0025] Embodiments of a fishing reel holder in the form of several fishing reel racks and a portable container for holding a fishing reel will now be described by way of example only.

[0026] The fishing reel holder as described herein is configured to hold a fishing reel 100 as generally shown in Figure 1. The fishing reel 100 has a body 102 with a rotating head 104 and a line spool 106, a handle 108 for rotating the rotating head 104, and a reel foot 110 extending from the body 102 via a shank 112. When used for angling, the fishing reel 100 may be assembled with a fishing rod (not shown) by attaching the reel foot 110 to the fishing rod in longitudinal alignment therewith. However, when not in use, the fishing reel 100 is detached from the fishing rod by detaching the reel foot 110 from the fishing rod, and the fishing reel 100 is stored separately from the fishing rod.

[0027] Referring to the figures wherein like parts are referred to by like reference numerals throughout, there is shown several embodiments of a fishing reel holder in the form of a rack 10 and a portable container 10'.

[0028] The rack 10 includes a retaining plate 12 having a front surface 14 and a rear surface 16. The rack 10 is provided with a plurality of elongate apertures 18 in the retaining plate 12.

[0029] The apertures 18 are shaped and sized to receive a reel foot 110 and at least part of a shank 112 attached to the reel foot 110. Although each aperture 18 is depicted in the figures as substantially identical in shape and size, it will be appreciated that the apertures 18 may vary in shape and size relative to one another in order for the rack 10 to hold a plurality of fishing reels 100 having respective reel feet 110 of various shapes and sizes.

[0030] In use, the reel foot 110 is inserted through the elongate aperture 18 and then rotated into substantially orthogonal alignment with the aperture 18 so that the reel foot 110 bears against a rear surface 16 of the retaining plate 12, thereby retaining the fishing reel 110 in the rack 10.

[0031] In the embodiment shown in Figure 2a, the rack 10 is provided with a plurality of apertures 18 transversely aligned in the retaining plate 12. In this way, a plurality of fishing reels 110 may be retained and displayed in horizontal alignment with one another in the rack 10.

[0032] In the alternative embodiment shown in Figure 2b, the plurality of apertures 18 are vertically aligned with one another in the rack 10. In this way, a plurality of fishing reels 110 may be retained and displayed in vertical alignment with one another in the rack 10.

[0033] In an alternative embodiment shown in Figure 3, the rack 10 is provided with a plurality of apertures 18 configured in an array of transversely aligned and vertically

aligned apertures 18. In this way, a plurality of fishing reels 110 may be retained and displayed in horizontal and vertical alignment with one another in the rack 10.

[0034] The rack 10 may be configured to be suspended from an overhead surface. For example, an upper portion 20 of the retaining plate 12 may be provided with conventional overhead fasteners to attach and/or suspend the rack 10 from the overhead surface. Exemplary fasteners include, but are not limited to, fasteners such as hooks and eyes, pin/clip assemblies, anchoring assemblies, screws, bolts, nuts and so forth.

[0035] Alternatively, the rack 10 may be configured to be mountable on an upright mounting surface such as a wall, door or cupboard. In this way, one or more fishing reels 110 may be conveniently stored and displayed in a desired location.

[0036] In some embodiments, the rear surface 16 of the retaining plate 12 may be arranged to be directly mountable on the upright mounting surface. However, in order to allow the reel foot 110 to rotate freely without engaging or abutting the upright mounting surface, it will be appreciated that the rear surface 16 of the retaining plate 12 may be spaced from the upright mounting surface. In some embodiments, the rear surface 16 of the retaining plate 12 may be provided with one or more rearwardly extending spacers which abut(s) the upright mounting surface. In this way, the one or more spacer(s) and the rear surface 16 define a space into which the reel foot 110 may be inserted and rotated freely without engaging or abutting the upright mounting surface, thereby preventing the fishing reel 100 and/or the upright mounting surface from being scratched or damaged. Alternatively, the mounting surface may be provided with one or more spacer(s) to define a space between the rear surface 16 of the retaining plate 12 and the mounting surface in which the reel foot 110 may be inserted and rotated freely. The spacer(s) may be integral with various mounting means employed to mount the retaining plate 12 to the upright mounting surface.

[0037] In another embodiment shown in Figure 4, the rack 10 further includes a rear plate 22. In this particular embodiment, the rear plate 22 may be mountable on the mounting surface. The retaining plate 12 is spaced forwardly from the rear plate 22 by

one or more spacers 24 interconnecting the retaining plate 12 and the rear plate 22, thereby defining a space into which the reel foot 110 may be inserted and rotated freely without engaging or abutting the rear plate 22.

[0038] The spacers 24 may be located at regular intervals between the retaining plate 12 and the rear plate 22 to improve the rigidity of the rack 10. In one embodiment, the spacers 24 may be transversely aligned with the elongate apertures 18.

[0039] The spacers 24 may take any suitable form as will be understood by those skilled in the art. For example, the spacers 24 may take the form of spacer blocks as shown in Figure 4. Alternatively, the spacers 24 may take the form of a plurality of seam welded joints between the retaining plate 12 and the rear plate 22, each joint located between transversely aligned elongate apertures 18. In another embodiment, the spacers 24 may take the form of respective opposing end walls interconnecting the retaining plate 12 and the rear plate 22 at respective edges thereof. In other embodiments, the spacers 24 may take the form of bolts or screws.

[0040] The rear surface 16 of the retaining plate 12 of the embodiments shown in Figures 2 and 3 or the rear plate 22 of the embodiment shown in Figure 4 may be provided with conventional mounting means as will be well understood by persons skilled in the art including, but not limited to, mounting brackets, screw mountable supports, railings, hooks, and hook and loop fasteners, and so forth. In an alternative embodiment, the rear plate 22 of the rack 10 shown in Figure 4 may be fixed to the upright surface by an suitable adhesive.

[0041] Referring to Figure 5, there is shown a portable container 10' for holding a fishing reel. In this embodiment, the portable container 10' takes the form of a case 26. The case 26 may have a floor 28, a pair of opposing front and rear walls 30a, 30b, a pair of opposing end walls 32, a closure 34 positionable between an open and a closed position, and a handle (not shown) for carrying the case 26.

[0042] The portable container 10' also includes a retaining wall 12' located in an interior space defined by the floor 28, opposing side walls 30 and the pair of opposing end walls 32 of the case. Similar to other previously described embodiments, the retaining wall 12' has a plurality of elongate apertures 18. Each elongate aperture 18 is configured to receive a reel foot 110 of the fishing reel 100, whereby, in use, the reel foot 110 may be inserted through the elongate aperture 18 and then rotated into substantially orthogonal alignment with the aperture 18 so that the reel foot 110 bears against the rear surface 16 of the retaining wall 12', thereby retaining the fishing reel 100 in the retaining wall 12' of the case 26.

[0043] In the embodiment shown in Figure 5, the retaining wall 12' is spaced between the pair of opposing front and rear walls 30a, 30b. In an alternative embodiment (not shown), the retaining wall 12' may be spaced above and in parallel alignment with the floor of the case. In this way, one or more fishing reels 110 may be conveniently stored and transported in the portable container 10' along with other fishing equipment used on a fishing expedition or trip.

[0044] Figures 6 to 10 depict an alternative embodiment of the rack 10. In this particular embodiment, the retaining plate 12 and the rear plate 22 of the rack 10 are configured for mutual interlocking engagement with one another.

[0045] In this particular embodiment, the retaining plate 12 is generally rectangular and has a plurality of elongate apertures 18 therein disposed in transverse alignment with one another. The retaining plate 12 includes a rim 36 extending rearwardly around a rectangular periphery 38 thereof. The retaining plate 12 also includes a plurality of lugs 40 configured to facilitate a snap-lock fit with the rear plate 22 of the rack 10.

[0046] The plurality of lugs 40 are spaced apart from the rim 36 in parallel alignment therewith at intervals around the rectangular periphery 38 of the retaining plate 12. Some lugs 40 may also be disposed proximal to the elongate apertures 18. For

example, in Figure 8, a pair of lugs 40 extend from the rear surface 16 of the retaining plate 12 proximal to each end of the apertures 18.

[0047] Each lug 40 includes a projecting element 42 depending from the rear surface 16 of the retaining plate 12 and a lug element 44. In the embodiment shown in Figures 6 to 10, the lug element 44 has a triangular cross-section having an inclined surface 46 and a transverse surface 48. The transverse surface 48 is spaced apart in parallel alignment with the rear surface 16 of the retaining plate 12. The transverse surface 48 of the lug element 44, the projecting element 42 and the rear surface 16 define a groove 50. It will be appreciated that in alternative embodiments, the lug element 44 may be shaped according to other geometries. For example, the lug element 44 may have a rectangular cross section.

[0048] The rear plate 22 is correspondingly shaped and sized to fit within a space defined by the rim 36 extending along the rectangular periphery 38 of the retaining plate 12. In this particular embodiment, the rear plate 22 is also generally rectangular.

[0049] The rear plate 22 has a rear surface 52 and a front surface 54. The rear surface 52 of the rear plate 22 may be adapted for mounting on a mounting surface. The front surface 54 is configured to be in close facing spaced proximity to the rear surface 16 of the retaining plate 12.

[0050] The rear plate 22 includes a rim 56 extending around a rectangular periphery 58 of the rear plate. The rim 56 extends forwardly and rearwardly of the rear plate 22. In use, the rim 56 is disposed in close facing relationship with the rim 36 of the retaining plate 12.

[0051] The rear surface 52 of the rear plate 22 may be provided with a plurality of stiffening ribs 58 extending between opposing longitudinal sides 60 of the rim 56. The stiffening ribs 58 may be disposed at intervals along the opposing longitudinal sides 60.

[0052] Around the rectangular periphery 58 and proximal to the rim 56, the rear plate 22 is provided with a forwardly projecting portion 62 having a front surface 64 and a rear surface 66. The rear surface 66 of the forwardly projecting portion 62 is stepped down from the rear surface 52 of the rear plate 22.

[0053] The forwardly projecting portion 62 has the effect of spacing the front surface 54 of the rear plate 22 from the rear surface 16 of the retaining plate 12, thereby defining a space between the rear surface 16 of the retaining plate 12 and the front surface 54 of the rear plate 22 in which the reel foot 110 may be inserted and rotated freely. It will be appreciated that in this embodiment, the front surface 54 of the rear plate 22 may bias the reel foot 110 to bear against the rear surface 16 of the retaining plate, thereby aiding retention of the fishing reel 100 in the rack 10.

[0054] The forwardly projecting portion 62 is provided with a plurality of slots 68 correspondingly positioned and shaped to receive the lugs 40 of the retaining plate 12. In use, when the lugs 40 are received in the slots 68, the forwardly projecting portion 62 engages the inclined surface 46 of the lug element 44 before being received in the groove 50 defined by the transverse surface 48 of the lug element 44, the projecting element 42 and the rear surface 16. In this arrangement, the front surface 64 of the forwardly projecting portion 62 abuts the rear surface 16 of the retaining plate 12. The rear surface 66 of the forwardly projecting portion 62 abuts the transverse surface 50 of the lug element 44, thereby providing a bearing surface against which the transverse surface 48 of the lug element 44 may reside. Embodiments of the rack 10 may be fabricated from any suitable rigid material including, but not limited to, metals such as aluminium or steel, or alloys thereof; polymeric materials, in particular injection moulded polymeric materials such as HDPE; high density polypropylene (HDPP), wood, and composite materials such as laminated veneer lumber (LVL), medium density fibre (MDF), particle board, and so forth. In particular, the rack 10 described with reference to Figures 6 to 10 may be fabricated by suitable injection moulding techniques to form the retaining plate 12 and the rear plate 22 from two corresponding moulds.

[0055] Embodiments of the case may be fabricated from any relatively lightweight suitable rigid material including, but not limited to, metals such as aluminium or steel, or alloys thereof; polymeric materials, in particular injection moulded polymeric materials; leather, and so forth.

[0056] In alternative embodiments, it will be appreciated that the portable container 10' may take the form of a bag, which may be fabricated from any relatively lightweight suitable flexible materials.

[0057] It will be appreciated by persons skilled in the art that numerous variations and/or modifications may be made to the above-described embodiments, without departing from the broad general scope of the present disclosure. The present embodiments are, therefore, to be considered in all respects as illustrative and not restrictive.

[0058] In the claims which follow, and in the preceding description, except where the context requires otherwise due to express language or necessary implication, the word "comprise" and variations such as "comprises" or "comprising" are used in an inclusive sense, i.e. to specify the presence of the stated features but not to preclude the presence or addition of further features in various embodiments of the apparatus and method disclosed herein.

CLAIMS:

1. A rack for holding a fishing reel, the rack comprising a retaining plate having a rear surface and an elongate aperture therethrough for receiving a reel foot of the fishing reel, whereby, in use, the reel foot is inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the retaining plate, thereby retaining the fishing reel in the rack.
2. The rack according to claim 1, wherein the retaining plate is suspended from an overhead surface.
3. The rack according to claim 1, wherein the retaining plate is arranged, in use, to be mountable on an upright mounting surface, the retaining plate being spaced from the upright mounting surface at a distance sufficient for the reel foot to bear against the rear surface of the retaining plate without engaging or abutting the mounting surface.
4. The rack according to claim 3, wherein the rear surface has one or more spacers rearwardly extending therefrom.
5. A rack for holding a fishing reel at a desired location on a mounting surface, the rack comprising a rear plate mountable on the mounting surface and a retaining plate spaced forwardly from the rear plate by one or more spacers; the retaining plate having an elongate aperture for receiving a reel foot of the fishing reel, whereby, in use, the reel foot is inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the retaining plate, thereby retaining the fishing reel in the rack.
6. The rack according to claim 5, wherein the retaining plate and the rear plate of the rack are configured for mutual interlocking engagement with one another.

7. The rack according to claim 6, wherein the retaining plate comprises a plurality of lugs configured to facilitate a snap-lock fit with the rear plate of the rack and the rear plate comprises a plurality of slots, the slots being correspondingly positioned and shaped to receive the lugs of the retaining plate.
8. The rack according to claim 6 and claim 7, wherein the rear plate comprises a forwardly projecting portion, wherein the forwardly projecting portion is configured to space the retaining plate forwardly of the rear plate when the retaining plate and the rear plate are in mutual interlocking engagement with one another.
9. The rack according to claim 8, wherein the slots are in the forwardly projecting portion of the rear plate.
10. The rack according to any one of the preceding claims, wherein a plurality of elongate apertures are transversely aligned on the retaining plate.
11. The rack according to any one of the preceding claims, wherein a plurality of elongate apertures are vertically aligned on the retaining plate.
12. The rack according to any one of the preceding claims, wherein a plurality of elongate apertures are configured in an array of transversely aligned elongate apertures and vertically aligned apertures on the retaining plate..
13. A portable container for holding a fishing reel comprising a case having a retaining wall located in an interior space defined by the case, wherein the retaining wall has an elongate aperture for receiving a reel foot of the fishing reel, whereby, in use, the reel foot may be inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the retaining wall, thereby retaining the fishing reel in the retaining wall of the case.

14. The portable container according to claim 13, wherein the case comprises a floor, a pair of opposing front and rear walls, a pair of opposing side walls, a closure positionable between an open and a closed position, and a handle for carrying the case.

15. The portable container according to claim 14, wherein the retaining wall is spaced between the pair of opposing front and rear walls.

16. The portable container according to claim 14, wherein the retaining wall is spaced above and in parallel alignment with the floor of the case.

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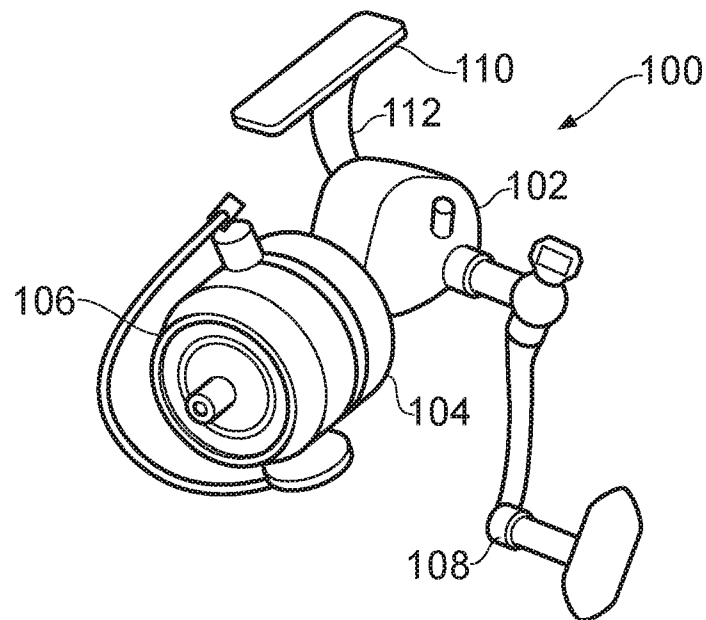


FIG. 1

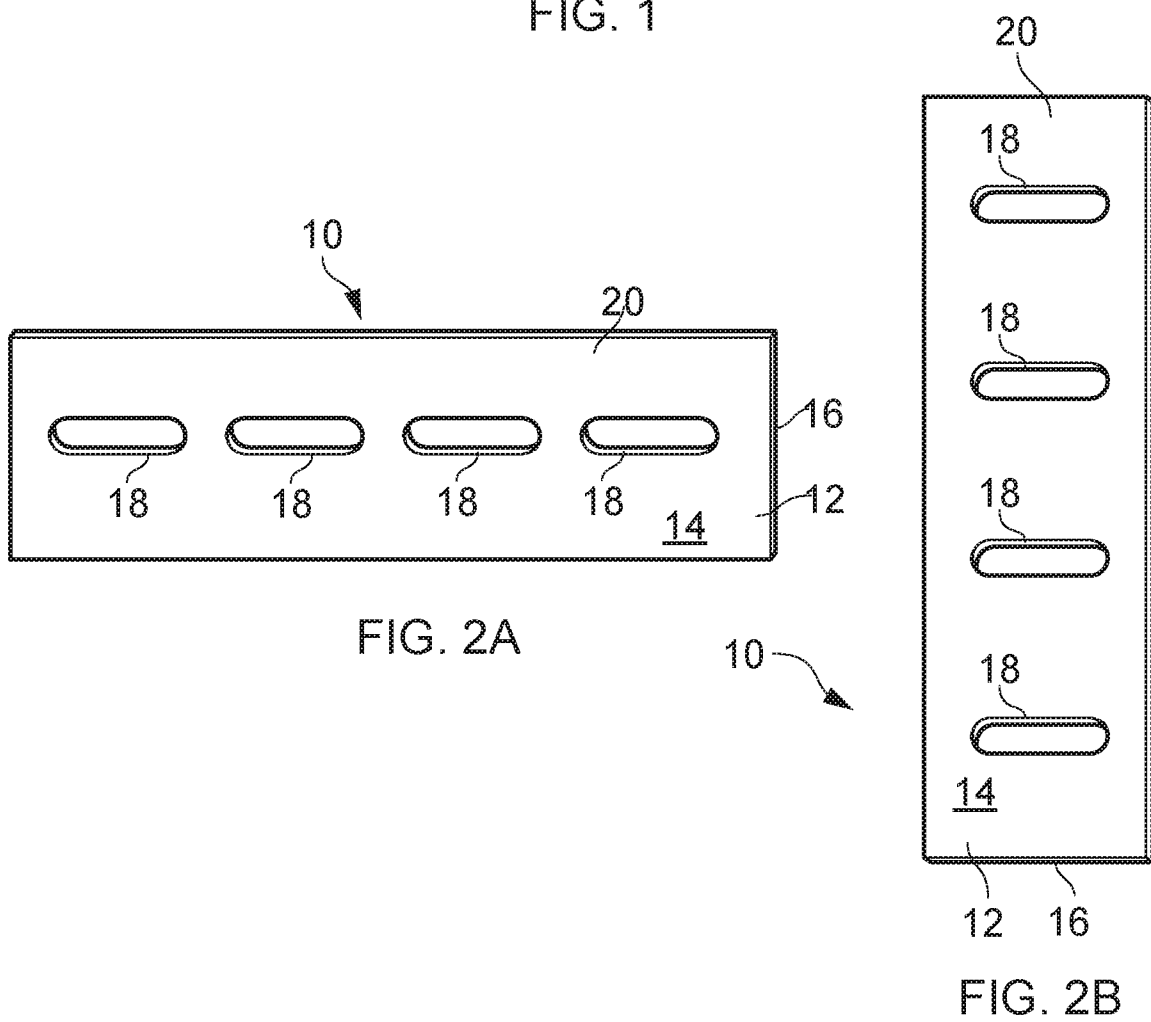


FIG. 2A

FIG. 2B

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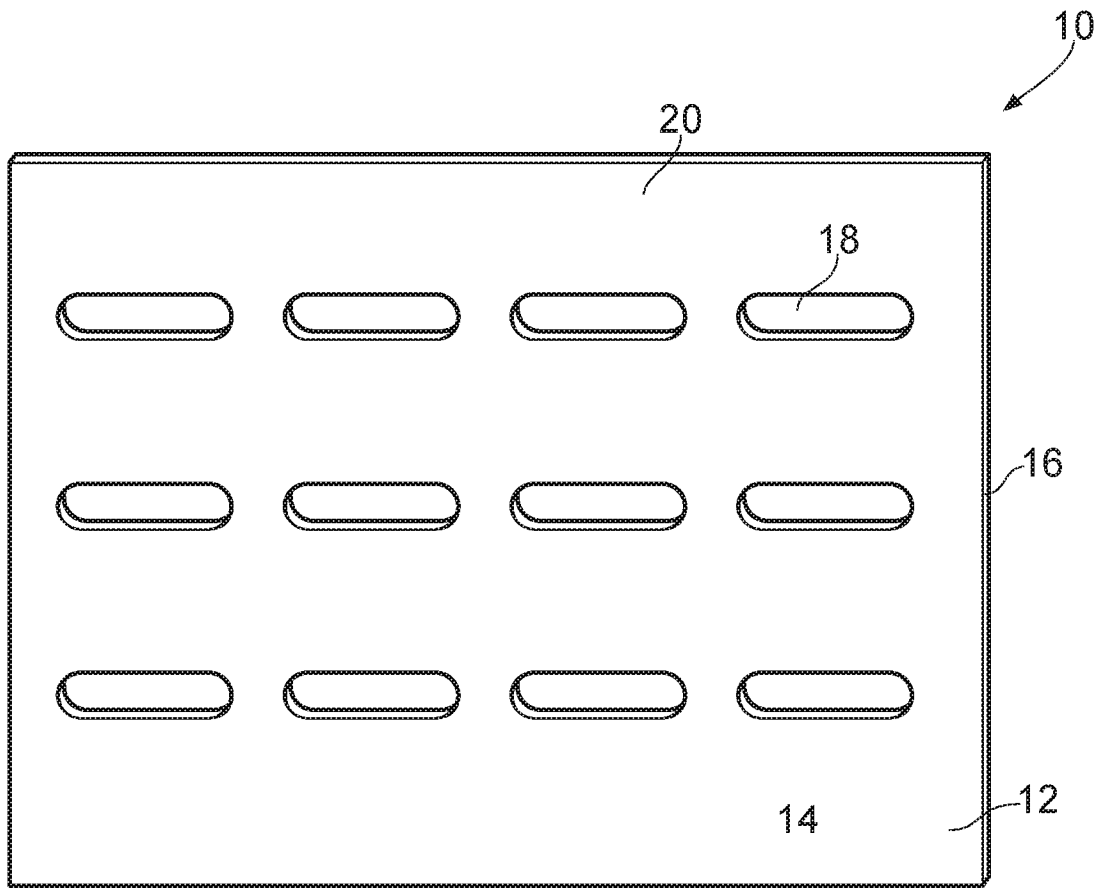


FIG. 3

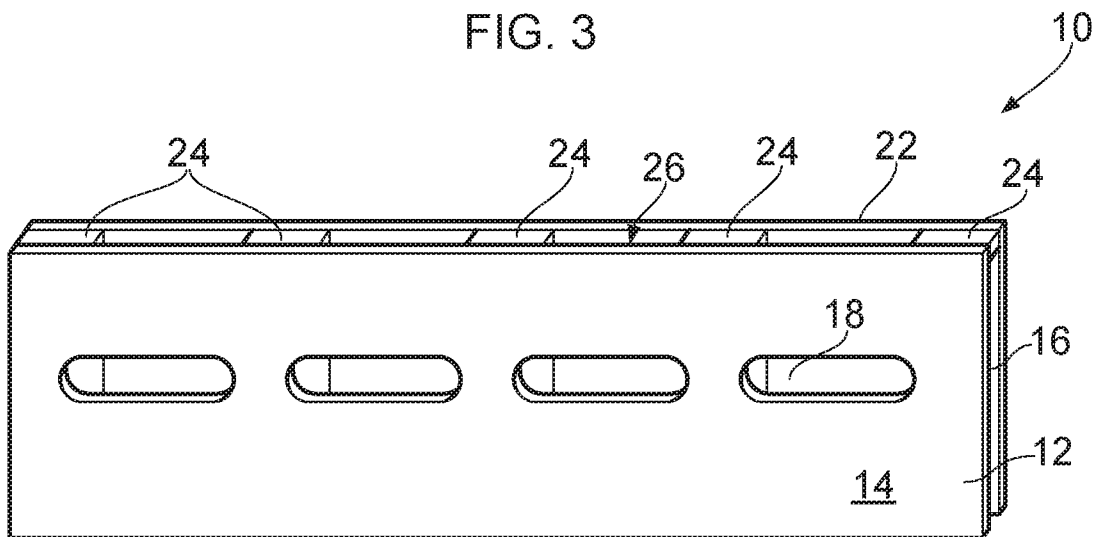


FIG. 4

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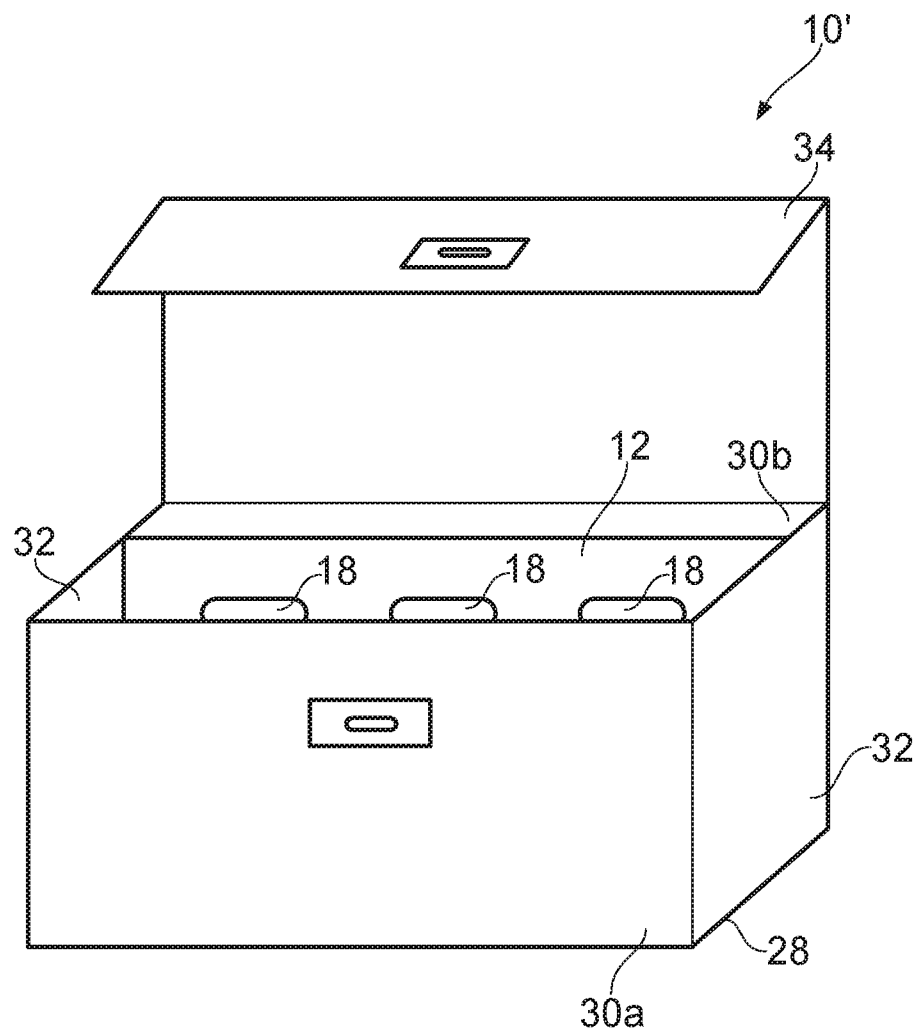


FIG. 5

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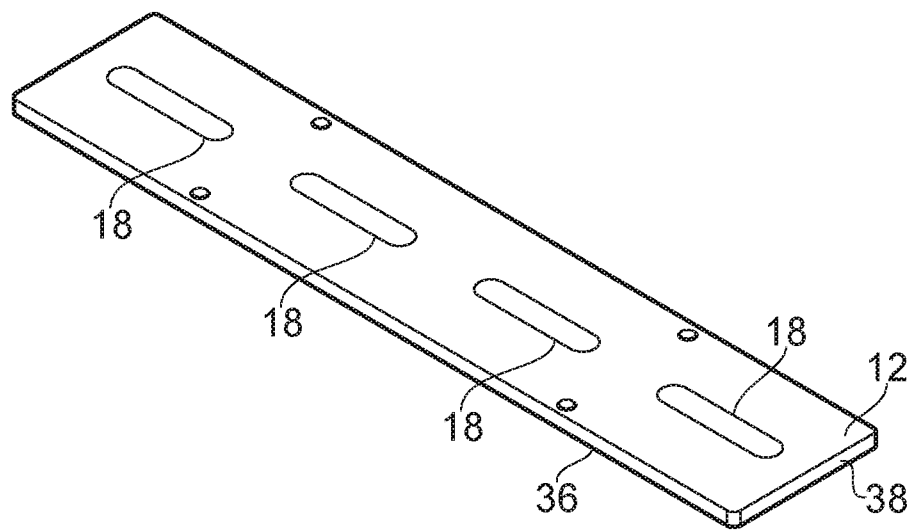


FIG. 6

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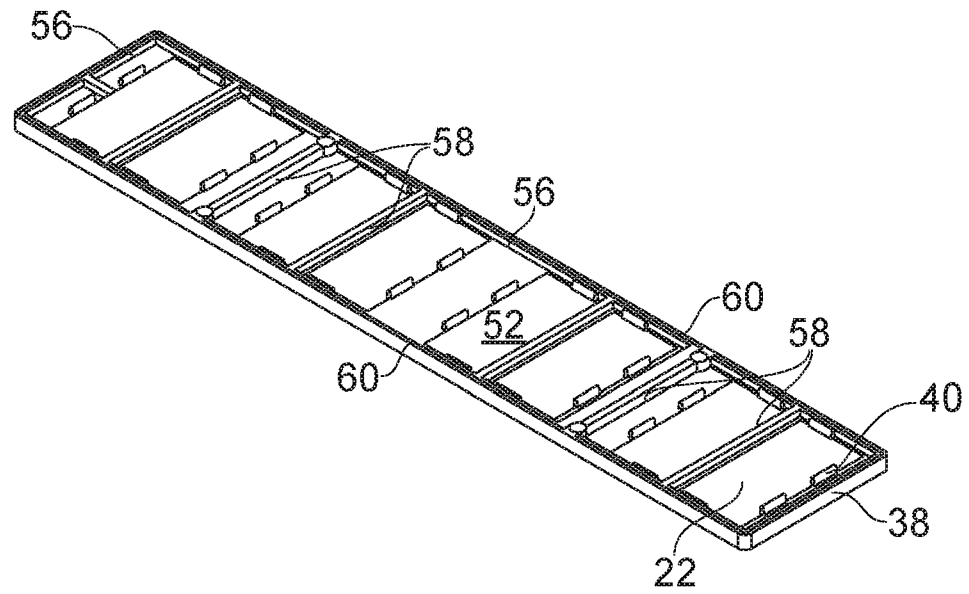


FIG. 7

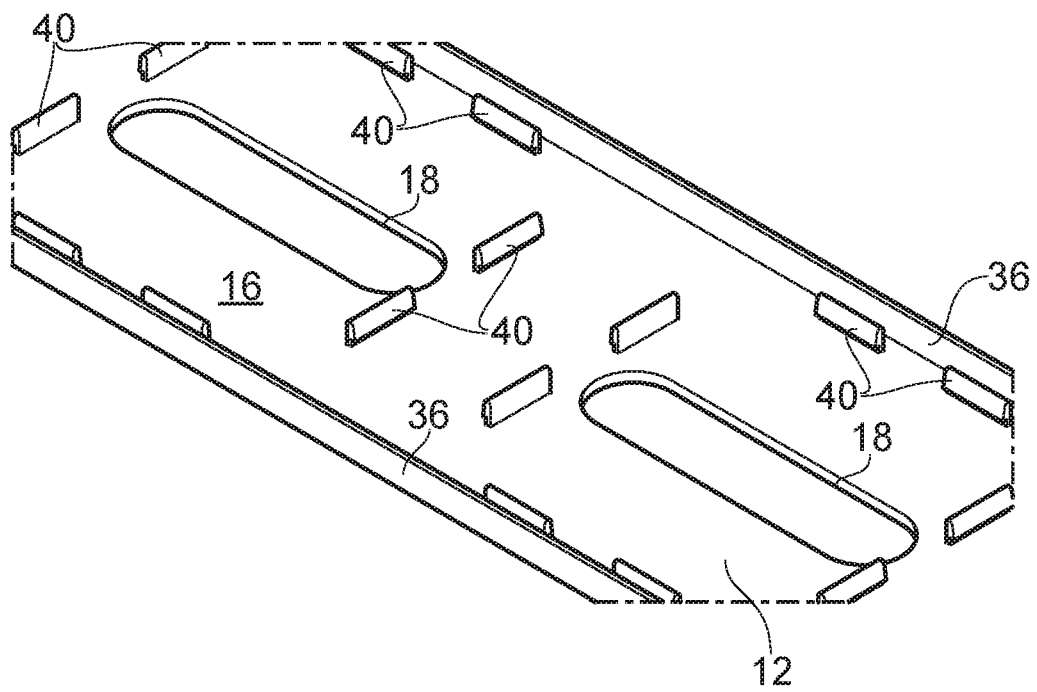


FIG. 8

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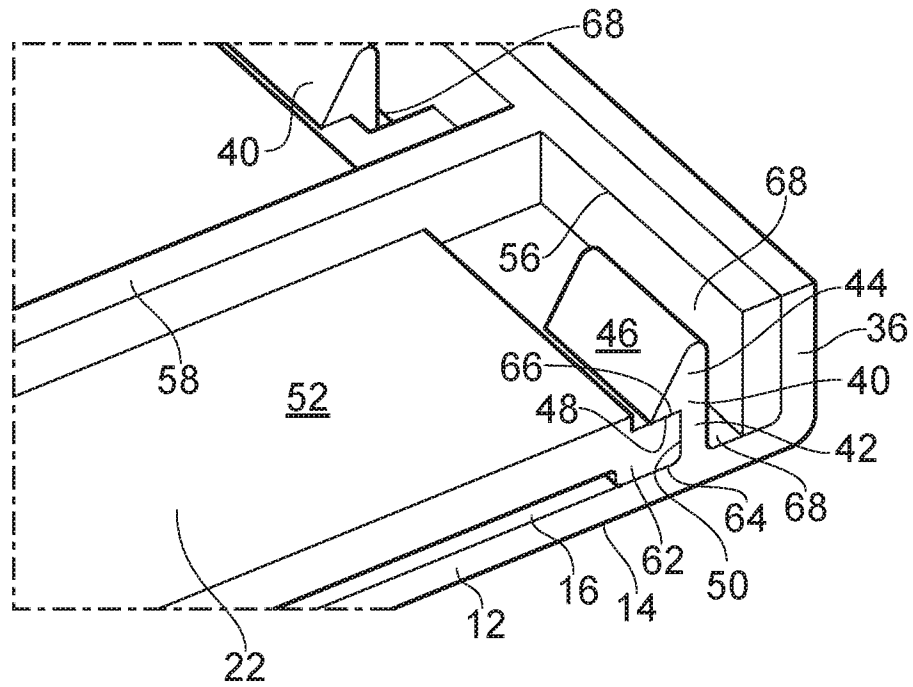


FIG. 9

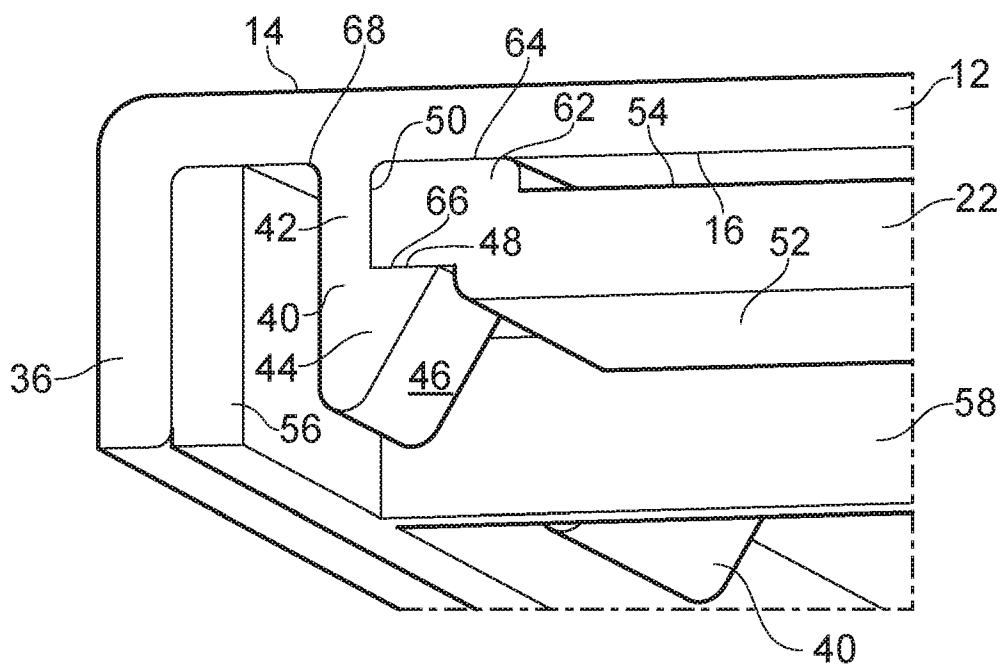


FIG. 10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2016/050540

A. CLASSIFICATION OF SUBJECT MATTER

A01K 97/06 (2006.01) A47B 81/00 (2006.01) B25H 3/04 (2006.01) A47F 5/08 (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, WPIAP: IPC CPC A01K97/00, A01K89/00, A47F7/0021, A47B81/005, B62B2202/402, A01K97/22, A01K99/00, A47F5/08, B25H3/04, B62B1/268, Y10S312/902, B65H49/38, F16M13/02, A47B81/06 with keywords: fishing, angling, casting, tackle, fly, bait casting, revolving spool, spinning, spin casting, reel, foot, feet, plurality, multiple, racks, storage, holder, display, transport, mount, support, shelves, shelf, case, box, container, caddy, trolley, cart, tray, trunk, hang, dangle, suspend, aperture, hole, slot, plate, panel, sheet, layer, parallel, multiple, bracket, lock, secure, fix, connect, coupling and similar terms/combinations.

Google Patents: Keywords as above. **Espacenet:** Keywords as above.

EPOQUE, GOOGLE, AUSPAT & IP Australia Internal Systems: Applicant and Inventor Search.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
	Documents are listed in the continuation of Box C	



Further documents are listed in the continuation of Box C



See patent family annex

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Date of the actual completion of the international search 6 September 2016		Date of mailing of the international search report 06 September 2016	
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustalia.gov.au		Authorised officer Mukunthan Krishnapillai AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. (03) 9935 9601	

INTERNATIONAL SEARCH REPORT		International application No.
C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		PCT/AU2016/050540
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2014-140310 A (YOGO) 07 August 2014 fig. 2-4.	1, 10-12
X Y	US 4343172 A (NORDLUND) 10 August 1982 fig. 13; col. 3, lines 60-64; col. 6, lines 18-26. fig. 4.	1-5, 10-12 6-9
X	US 5678700 A (CROSSON, JR.) 21 October 1997 abstract; fig. 4, 6.	1-2, 10-12
Y	WO 2014/081467 A1 (AVERY DENNISON CORPORATION) 30 May 2014 fig. 7B-7D; para. 0060, lines 11-12; para. 0083.	6-9
X	US 4303158 A (PERKINS) 01 December 1981 fig. 1-3; col. 3, lines 47-48.	13-16
A	US 4378882 A (MILLER) 05 April 1983	
A	US 6742789 B1 (NOWAK) 01 June 2004	

Form PCT/ISA/210 (fifth sheet) (July 2009)

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
the subject matter listed in Rule 39 on which, under Article 17(2)(a)(i), an international search is not required to be carried out, including
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See Supplemental Box for Details

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

Supplemental Box**Continuation of: Box III**

This International Application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept.

This Authority has found that there are different inventions based on the following features that separate the claims into three distinct groups:

Claims 1-4, 10-12 (in-part) are directed to a rack for holding a fishing reel.

The features of a rear plate mountable on a mounting surface, a retaining plate spaced forwardly from the rear plate by one or more spacers, and a case having an interior space, are not defined by this group of claims.

Claims 5-9, 10-12 (in-part) are directed to a rack for holding a fishing reel at a desired location on a mounting surface,

The feature of a rear plate mountable on a mounting surface and a retaining plate spaced forwardly from the rear plate by one or more spacers, is specific to this group of claims.

Claims 13-16 are directed to a portable container for holding a fishing reel.

The feature of a case having an interior space defined by the case, is specific to this group of claims.

PCT Rule 13.2, first sentence, states that unity of invention is only fulfilled when there is a technical relationship among the claimed inventions involving one or more of the same or corresponding special technical features. PCT Rule 13.2, second sentence, defines a special technical feature as a feature which makes a contribution over the prior art.

When there is no special technical feature common to all the claimed inventions there is no unity of invention.

In the above groups of claims, the identified features may have the potential to make a contribution over the prior art but are not common to all the claimed inventions and therefore cannot provide the required technical relationship. The only feature common to all of the claimed inventions and which provides a technical relationship among them is a plate/wall section which has an elongate aperture for receiving a reel foot of the fishing reel, whereby, in use, the reel foot may be inserted through the elongate aperture and then rotated into substantially orthogonal alignment with the aperture so that the reel foot bears against a rear surface of the plate/wall section, thereby retaining the fishing reel.

However this feature does not make a contribution over the prior art because it is disclosed in:

D1: JP 2014-140310 A (YOGO) 7 August 2014.

Therefore in the light of this document this common feature cannot be a special technical feature. Therefore, there is no special technical feature common to all the claimed inventions and the requirements for unity of invention are consequently not satisfied *a posteriori*.

INTERNATIONAL SEARCH REPORT		International application No.	
Information on patent family members		PCT/AU2016/050540	
This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.			
Patent Document/s Cited in Search Report		Patent Family Member/s	
Publication Number	Publication Date	Publication Number	Publication Date
JP 2014-140310 A	07 August 2014	JP 2014140310 A	07 Aug 2014
US 4343172 A	10 August 1982	US 4343172 A	10 Aug 1982
		AU 5085679 A	27 Mar 1980
		BE 878851 A1	18 Mar 1980
		CA 1131178 A	07 Sep 1982
		DE 2936229 A1	27 Mar 1980
		DK 389279 A	20 Mar 1980
		FI 792891 A	20 Mar 1980
		FR 2436654 A1	18 Apr 1980
		FR 2436654 B1	15 Jun 1984
		GB 2033732 A	29 May 1980
		GB 2033732 B	30 Mar 1983
		IT 1123585 B	30 Apr 1986
		JP S5596285 A	22 Jul 1980
		JP H027771 B2	20 Feb 1990
		NL 7906720 A	21 Mar 1980
		NO 793002 A	20 Mar 1980
SE 7809819 A	20 Mar 1980		
SE 413749 B	23 Jun 1980		
US 5678700 A	21 October 1997	US 5678700 A	21 Oct 1997
WO 2014/081467 A1	30 May 2014	WO 2014081467 A1	30 May 2014
		AR 091266 A1	21 Jan 2015
		US 2014138332 A1	22 May 2014
		US 9206827 B2	08 Dec 2015
		US 2016088940 A1	31 Mar 2016
US 4303158 A	01 December 1981	US 4303158 A	01 Dec 1981
US 4378882 A	05 April 1983	US 4378882 A	05 Apr 1983
US 6742789 B1	01 June 2004	US 6742789 B1	01 Jun 2004
End of Annex			
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001. Form PCT/ISA/210 (Family Annex)(July 2009)			