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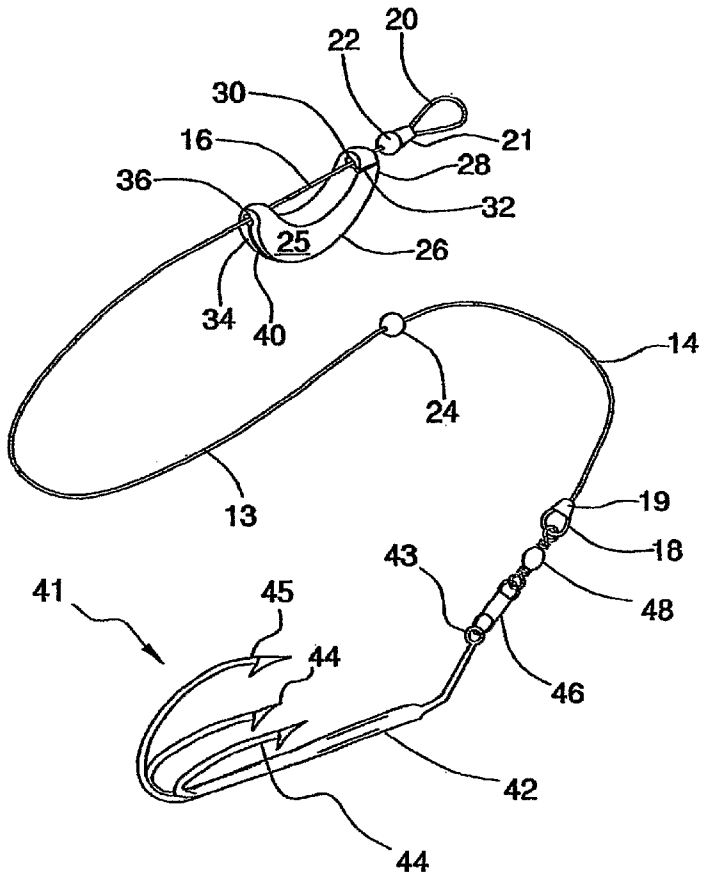
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(54) **Title:** HORIZONTAL UNILATERAL FISH HOOKS



(57) **Abstract:** A horizontal unilateral fishing hook 41 is a one piece unit intended to lie flat; it consists of an eye that connects to the fishing line, a solidly joined shank 42 that bends vertically towards the eye 43, a vertically oriented eye 43 and shank 42 in the same plan as a vertical center hook barb 45, and a symmetrical pair of outer hook barbs 44 which are disposed within a 180° section; this placement of the barbs acts as a guard against debris and the hook flips upright when the leader is being reeled. Horizontal unilateral fishing hooks have variations: 2-prong hook, 3 -prong hooks, and forked 3-prong hooks with center prongs that are equal, longer and shorter than the outer prongs. Each of the hooks are made of durable material or metal, and shanks formed by combining 2 or 3 prongs with a liquid means that hardens solid.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A01K 83/00 (2007.10)
USPC - 43/44.82
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)
IPC(8) - A01K 83/00 (2007.10)
USPC - 43/44.82

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
IPC(8) - A01K 83/00 (2007.10) (see keyword below)
USPC - 43/43.16, 43.15, 43.1, 44.81, 43.2, 43.4, 44.82, 44.89 (see keyword below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO(Engineering); Google Scholar
Search Terms: fish, hook, horizontal, unilateral, prong, barb, symmetrical, metal, solder, fork, shank, eye, bend, gape, weighted, wave

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 6,237,277 B1 (HILDMAN) 29 May 2001(29.05.2001) entire document especially fig 1, 3B-3C, col 3 ln 50-54, col 4 ln 6-9, col 5 ln 58-59, col 6 ln 1-15	1-2, 4 --- 3
X --- Y	US 2004/0107629 A1 (BRZOZOWSKI) 10 June 2004 (10.06.2004) fig 1, 9-11, para [0052]-[0053], [0058], [0064]-[0068]	5, 8-11 --- 6-7, 12-17
Y	US 4,506,470 A (ADAMS) 26 March 1985 (26.03.1985) fig 1-2, col 2 ln 51-60, 65-67, col 3 ln 1-9, 24-25, 27-40	12-17
Y	US 2003/0172579 A1 ((IVARSON et al.) 18 September 2003 (18.09.2003) fig 15, para [0069]-[0085]	3, 6-7, 14
Y	US 6,836,996 B1 (HUPPERT) 4 January 2005 (04.01.2005) fig 3-4, col 4 ln 30-36, 45-50, 54-57	3, 7, 14

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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