

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 March 2004 (04.03.2004)

PCT

(10) International Publication Number
WO 2004/018343 A3

(51) International Patent Classification⁷: **B66F 1/00**

(21) International Application Number:
PCT/US2003/027434

(22) International Filing Date: 21 August 2003 (21.08.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/225,971 22 August 2002 (22.08.2002) US
10/461,174 11 June 2003 (11.06.2003) US

(71) Applicant and

(72) Inventor: **LEWOCZKO, Myron, M.** [US/US]; 32
Thomas Street, Middleboro, MA 02346 (US).

(74) Agent: **DELEAULT, Robert, R.**; Mesmer & Deleault,
PLLC, 41 Brook Street, Manchester, NH 03104 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

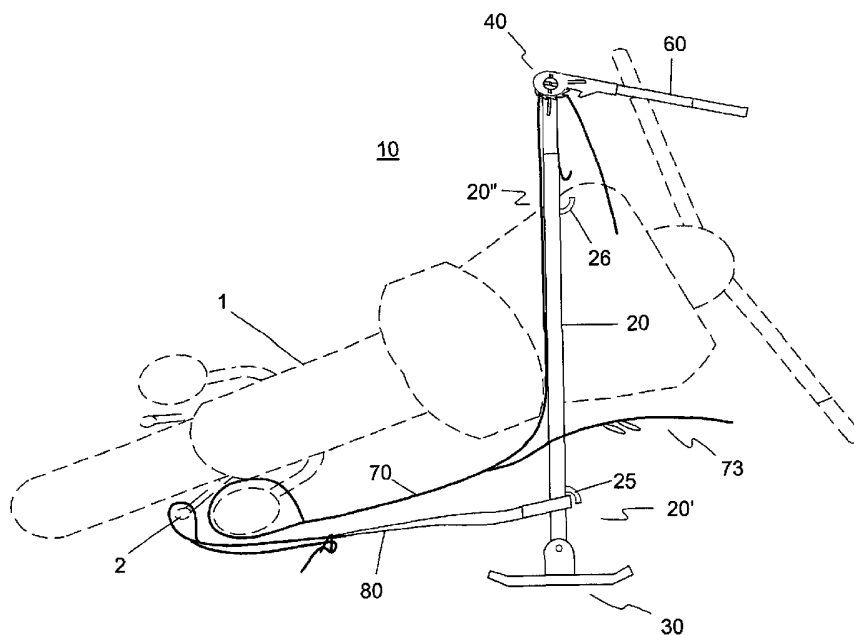
- as to the identity of the inventor (Rule 4.17(i)) for all designations
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

Published:

- with international search report

[Continued on next page]

(54) Title: MOTOCYCLE LIFT BAR AND METHOD



(57) Abstract: A two-wheeled vehicle uprighting device (10) having a support bar (20) with a stabilizing base (30) on one end and a ratcheting mechanism (40) on another end, a cable sling (190) adapted for attachment to a lower portion (2) of the two-wheeled vehicle (4), and a flexible lifting member (70) with a first end (71) adapted for attachment to the cable sling (190) and a second end (72) for engaging relationship about a spindle (42) of said ratchet mechanism (40).



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

22 April 2004

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/27434

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B66F1/00

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 7 B66F B62H B25H

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 984 337 A (DUBIN) 16 November 1999 (1999-11-16) cited in the application column 5, line 40 -column 6, line 14 ---	1-3, 11-13, 18,21,23
Y	US 5 967 732 A (FLOYD) 19 October 1999 (1999-10-19) the whole document ---	1-3, 11-13, 18,21,23
A	DE 35 14 704 A (HEDRICH) 31 October 1985 (1985-10-31) cited in the application ---	
A	US 4 377 295 A (LEMMAN) 22 March 1983 (1983-03-22) cited in the application ---	
	--- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

25 February 2004

Date of mailing of the international search report

03/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Van den Berghe, E

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/US 03/27434

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 358 265 A (YAPLE) 25 October 1994 (1994-10-25) cited in the application ---	
A	US 2 884 226 A (PALKA) 28 April 1959 (1959-04-28) -----	

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/27434

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5984337	A	16-11-1999	NONE	
US 5967732	A	19-10-1999	NONE	
DE 3514704	A	31-10-1985	DE 8416355 U1 DE 3514704 A1	13-09-1984 31-10-1985
US 4377295	A	22-03-1983	NONE	
US 5358265	A	25-10-1994	US 5118126 A US 5234225 A	02-06-1992 10-08-1993
US 2884226	A	28-04-1959	NONE	