(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
25 June 2009 (25.06.2009)

PCT

(10) International Publication Number
WO 2009/078634 A3

(51) International Patent Classification:
B62K 17/00 (2006.01) *B62K 5/02* (2006.01)

(21) International Application Number:
PCT/KR2008/007401

(22) International Filing Date:
12 December 2008 (12.12.2008)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2007-0131176
14 December 2007 (14.12.2007) KR

(71) Applicant and
(72) Inventor: **LEE, Chang-Soo** [KR/KR]; 424-35, Mangwon 2-dong, Mapo-gu, Seoul 121-823 (KR).

(74) Agent: **SEOK, Ki-Cheol**; Hupia International Patent and Law Firm, 2 Floor, Geumha Building, 645-5, Yeoksam-dong, Gangnam-gu, Seoul 135-910 (KR).

(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

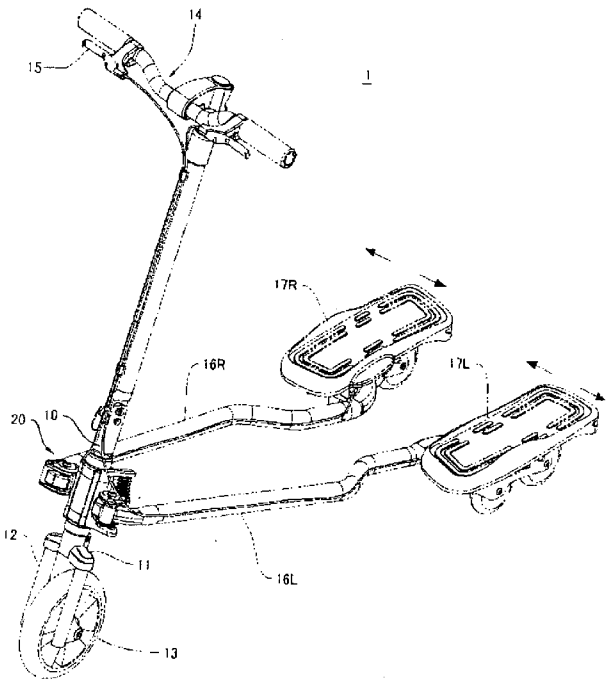
Published:

— *with international search report (Art. 21(3))*

[Continued on next page]

(54) Title: KICKTRICYCLE

【Figure 1】



(57) Abstract: A kicktricycle includes a support shaft in which a front wheel is installed on a lower portion thereof, a steering section installed on an upper portion of the support shaft, a joint section disposed on the support shaft, and a pair of left and right footboard assemblies connected to the joint section such that the respective footboard assemblies are able to move outwards or inwards, the joint section including a main body fitted into the support shaft so as to rotate about the support shaft, a main axis fixed to a side of the main body, an auxiliary body installed onto the main axis so as to rotate about the main axis, and a pair of left and right operating frames connected to opposite ends of the auxiliary body so as to respectively move outwards or inwards.

WO 2009/078634 A3

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) Date of publication of the international search report:
15 October 2009

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2008/007401

A. CLASSIFICATION OF SUBJECT MATTER

B62K 17/00(2006.01)i, B62K 5/02(2006.01)i

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: B62K 17/00, B62K 5/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models since 1975
Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS (KIPO internal) & keywords: tricycle, joint, board and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 20-0405741 Y1 (CHOI, JAE YONG) 10 January 2006 See claims 1-6 and figure 3.	1-11
A	KR 10-0613014 B1 (MSKI CORPORATION) 16 August 2006 See claims 1-6 and figures 1-5.	1-11
A	US 6851694 B2 (PIN-CHIEH FENG) 08 February 2005 See abstract and figures 3-7.	1-11
A	JP 2002-325878 A (JD JAPAN CO., LTD.) 12 November 2002 See paragraphs [0022]-[0032] and figure 4.	1-11
A	US 6554302 B1 (YUEH-FEN LIU) 29 April 2003 See abstract and figure 4.	1-11

☐ Further documents are listed in the continuation of Box C.

☒ See patent family 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 application or patent 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 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	Date of mailing of the international search report
04 AUGUST 2009 (04.08.2009)	**05 AUGUST 2009 (05.08.2009)**

Name and mailing address of the ISA/KR
Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302-701, Republic of Korea
Facsimile No. 82-42-472-7140

Authorized officer
KIM, Kwang Oh
Telephone No. 82-42-481-5470

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2008/007401

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR 20-0405741 Y1	10.01.2006	None	
KR 10-0613014 B1	16.08.2006	WO 2006-135196 A1	21.12.2006
US 6851694 B2	08.02.2005	TW 518299 A US 2002-0050695 A1	21.01.2003 02.05.2002
JP 2002-325878 A	12.11.2002	JP 3647383 B2 JP 03-647383 B2	11.05.2005 18.02.2005
US 6554302 B1	29.04.2003	None	