



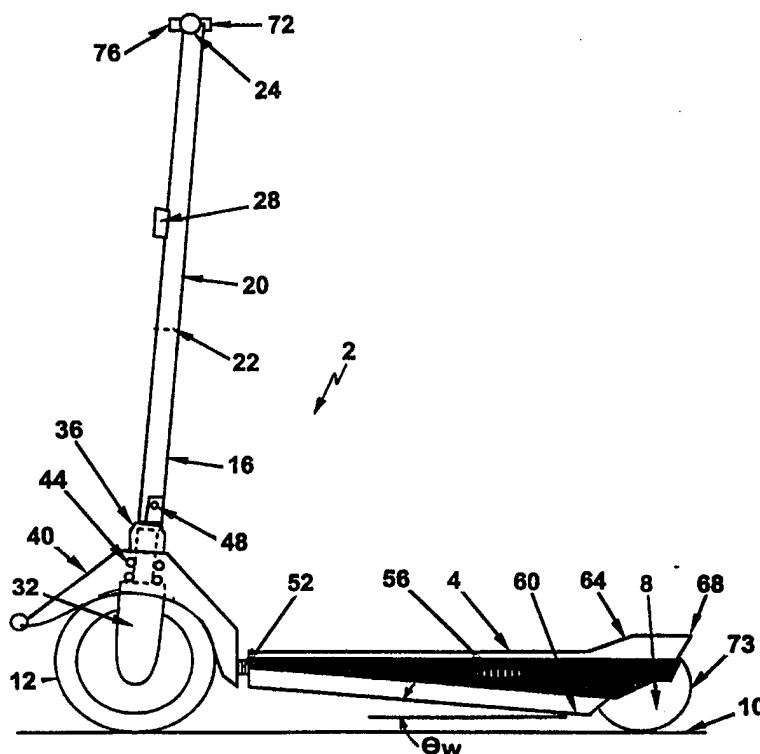
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(21) International Application Number: PCT/US98/07360 (22) International Filing Date: 14 April 1998 (14.04.98) (30) Priority Data: 08/843,423 15 April 1997 (15.04.97) US 09/013,322 26 January 1998 (26.01.98) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications US 09/013,322 (CIP) Filed on 26 January 1998 (26.01.98) US 08/843,423 (CIP) Filed on 15 April 1997 (15.04.97) (71) Applicant (for all designated States except US): EMPOWER CORPORATION [US/US]; 25 First Street, Cambridge, MA 02141 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): STAELIN, David [US/US]; 14 Tappan Road, Wellesley, MA 02181 (US). ULRICH, Nathan [US/US]; 34 Sheep Road, Lee, NH 03824 (US). NIELSEN, Peter [US/US]; 21 Nut Island Avenue, Quincy, MA 02169 (US). WALLACE, David [US/US]; 3		Pine Knoll Road, Lexington, MA 02173 (US). STAELIN, Paul, H. [US/US]; 82 Myrtle Street #3, Boston, MA 02114 (US). LANG, Jeffrey, H. [US/US]; 22 Weir Hill Road, Sudbury, MA 01776 (US). SCHOONMAKER, James [US/US]; 88 Poplar Street, Watertown, MA 02172 (US). (74) Agent: WALPERT, Gary, A.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 17 December 1998 (17.12.98)

(54) Title: PORTABLE SCOOTER

(57) Abstract

A portable, personal scooter (2) is disclosed which is small, lightweight, and foldable for enhanced portability. A motorized version is controlled by a controller (653) sensitive to platform load, among other things. Brake and suspension systems are shown, as are skids (60) ahead of rear wheels (8) for navigating road hazards.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US98/07360

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :B62D 61/02

US CL : 180/219

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)

U.S. : 180/219, 180, 181, 208, 210; 280/87.01, 87.03, 87.05, 87.041, 87.043, 87.021

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
noneElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
none

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 4,087,108 A (Winchell) 02 May 1978 (02.05.78), figs. 1 and 3.	1-3, 5, 6,, 9-12, 14, 29, 32-34, 42- 60 ----- 4, 7, 8, 13, 15- 28, 31, 35-41, 61- 87



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/07360

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---- Y	US 4,570,739 US 4,570,739 A (Kramer) 18 February 1986 (18.02.86) fig. 1.	1-3, 5-8, 10, 12, 14, 29, 32-34, 42- 60 ----- 4, 9, 11, 13, 15- 28, 30, 31, 35-41, 61-87
Y	US 5,265,695 A (Piazzi) 30 November 1993 (30.11.93), element 1.	1-87
Y	US 1,951,277 A (Elliotte) 13 March 1934 (13.03.34), element 36.	1-87
Y	US 5,039,121 A (Holter) 13 August 1991 (13.08.91), figs. 1 and 4.	1-87
Y	US 5,388,659 A (Pepe) 14 February 1995 (14.02.95), fig. 2.	1-87
Y	US 5,097,922 A (Stagi) 24 March 1992 (24.03.92), fig. 5.	1-87