

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/054871 A3

(51) International Patent Classification⁷: **B62K 15/00**,
13/02

(21) International Application Number:
PCT/EP2003/014564

(22) International Filing Date:
12 December 2003 (12.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P-200200308 18 December 2002 (18.12.2002) SI
PCT/IB03/01243 3 March 2003 (03.03.2003) IB
10/461,017 12 June 2003 (12.06.2003) US

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, 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).

(71) Applicant: **STUDIO MODERNA SA** [CH/CH]; Viale S. Franscini 40, CH-6900 Lugano (CH).

(72) Inventor: **MIHELIC, Miko**; Hrusevo 26A, 1356 Dobrova (SI).

(74) Agent: **LAMB, Martin, John, Carstairs**; 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

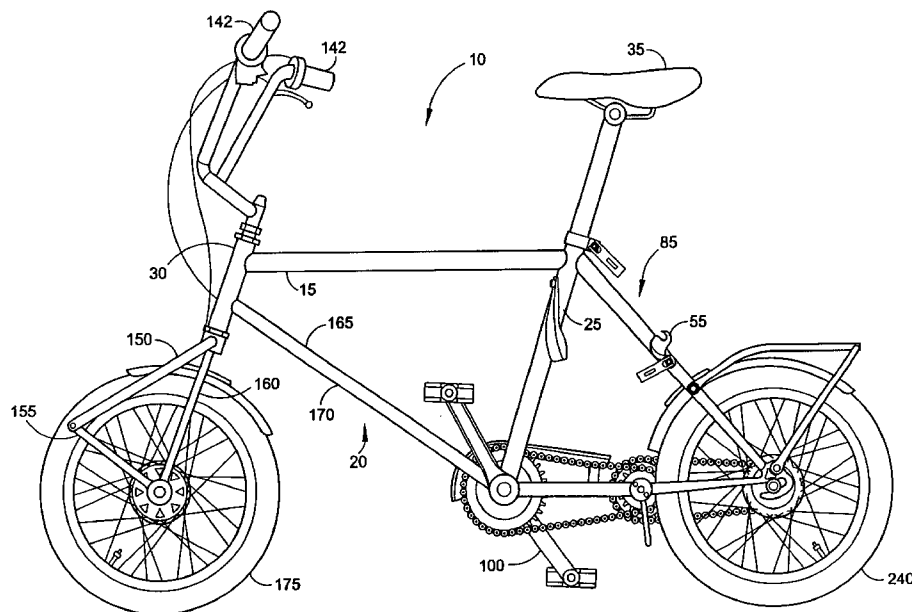
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
16 September 2004

[Continued on next page]

(54) Title: FOLDING BICYCLE



(57) **Abstract:** A foldable bicycle is provided. One feature of the foldable bicycle (10) is that the central portion of the frame that defines the bicycle's geometry is substantially rigid. That is, the down tube (165), seat tube (25), top tube (15) and bearing tube (30) are substantially fixed relative to each other. Another feature of the foldable bicycle (10) is that the front wheel (175) can be folded into a position between the down tube (170), which is comprised of two tubes. Yet another feature is a tandem bicycle configuration that does not extend the length of the frame or the wheelbase.

WO 2004/054871 A3



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.