



(43) International Publication Date
18 September 2014 (18.09.2014)

(51) International Patent Classification:
B62K 19/02 (2006.01)

(21) International Application Number:
PCT/IL2013/050824

(22) International Filing Date:
13 October 2013 (13.10.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/787,292 15 March 2013 (15.03.2013) US

(71) Applicant: **I.G. CARDBOARD TECHNOLOGIES LTD.** [IL/IL]; Gershon Shatz 6, PO Box 57137, 6157002 Tel Aviv (IL).

(72) Inventor: **GAFNI, Izhar**; Hazait 38, 38855 Ahituv (IL).

(74) Agent: **REINHOLD COHN AND PARTNERS**; P.O.Box 13239, 6113102 Tel Aviv (IL).

(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, BN, BR, BW, BY, BZ, CA, CH, CL, 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, IR, IS, JP, KE, KG, KN, KP, KR, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))

(54) Title: CARDBOARD-BASED STRUCTURE

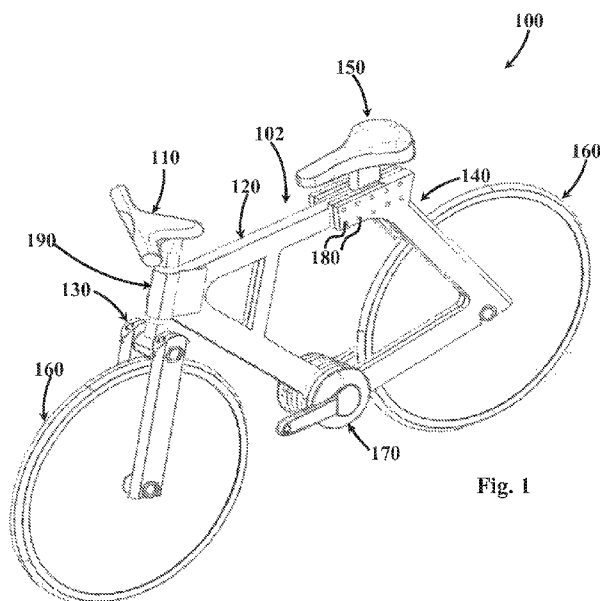


Fig. 1

(57) Abstract: The invention provides cardboard-based structures comprising two or more, generally elongated elements angled with respect to one another and being cut out of a multi-layered cardboard-based piece that comprises at least two layers of a single cardboard sheet folded about a longitudinal reinforcing member. The invention further provides frames, preferably human-powered vehicle frames, constructed from structures of the invention, as well as methods for producing structures of the invention.