

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 March 2008 (06.03.2008)

PCT

(10) International Publication Number
WO 2008/027012 A1

(51) International Patent Classification:
E21B 19/083 (2006.01)

(21) International Application Number:

PCT/SG2006/000250

(22) International Filing Date: 30 August 2006 (30.08.2006)

(25) Filing Language:

English

(26) Publication Language:

English

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(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): 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, HN, HR, HU, ID, IL, IN, IS, JP,

KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT,
LU, LV, LY, MA, MD, 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, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

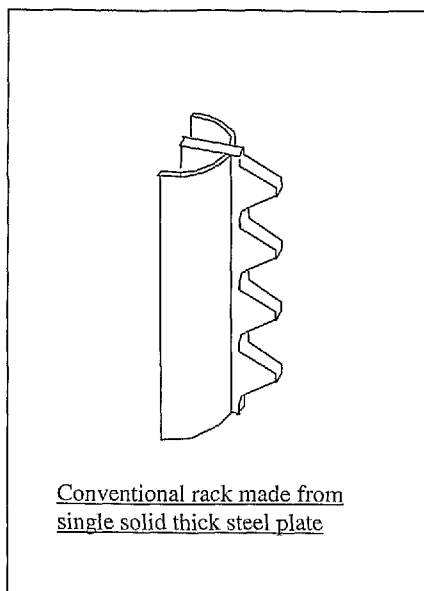
Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report
— with amended claims

(54) Title: MULTIPLE RACKS USED IN RACK AND PINION APPLICATION IN MOVING OR SELF-ELEVATING SYSTEMS (OFFSHORE & ONSHORE ENERGY SECTOR)



Conventional rack made from
single solid thick steel plate

(57) Abstract: This invention is centered on the replacement of the single thick solid rack used in 'rack and pinion' applications with multiple thinner racks so as to function equally or similarly as the single solid rack for use in moving body or bodies of at least 200 metric tons in weight in off-shore and onshore oil and gas exploration rigs, development and production rigs or platforms, including any movement of heavy body or bodies using the 'rack and pinion' method in all directions.