



(43) International Publication Date
29 December 2011 (29.12.2011)

(10) International Publication Number
WO 2011/162780 A1

(51) International Patent Classification:
E02B 17/08 (2006.01) *B63B 35/44* (2006.01)
E02B 17/04 (2006.01)

(21) International Application Number:
PCT/US2010/046358

(22) International Filing Date:
23 August 2010 (23.08.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/356,813 21 June 2010 (21.06.2010) US

(63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:
US 11/749,587 (CIP)
Filed on 21 June 2010 (21.06.2010)

(72) Inventors; and

(71) Applicants : KHACHATURIAN, Jon [US/US]; 11903 FM 529, Houston, Texas 77041 (US). GREEVES, E.

John [US/US]; 5406 John Dreaper Drive, Houston, Texas 77056 (US).

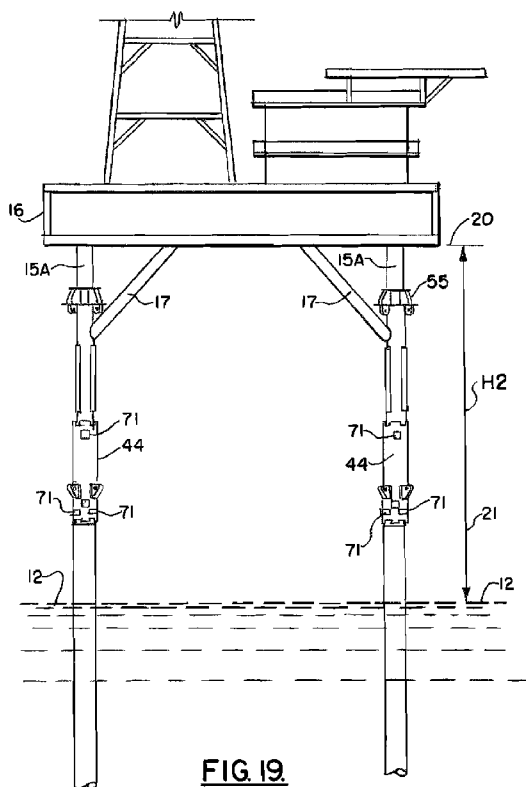
(74) Agents: D'SOUZA, Vanessa M. et al.; Garvey, Smith, Nehrbass & North, L.L.C., 3838 N. Causeway Blvd., Suite 3290, Metairie, Louisiana 70002 (US).

(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, 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, IS, JP, KE, KG, KM, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR ELEVATING A MARINE PLATFORM



(57) Abstract: A method of elevating the deck area of a marine platform (e.g., oil and gas well drilling or production platform) utilizes a specially configured sleeve support to support the platform legs so that they can be cut. Once cut, rams or jacks elevate the platform above the cuts. The sleeve support is then connected (e.g., welded) to the platform leg and becomes part of the structural support for the platform. In one embodiment, two sleeves are employed. In another embodiment, the jacks or rams elevate in two stages including a first stage wherein one sleeve elevates and the other sleeve does not elevate and a second stage wherein both sleeves elevate together.



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, **Published:**

LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK,

SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,

GW, ML, MR, NE, SN, TD, TG).

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