



- (51) International Patent Classification:
E21B 19/00 (2006.01) *E21B 19/16* (2006.01)
- (21) International Application Number:
PCT/US2013/068214
- (22) International Filing Date:
4 November 2013 (04.11.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/723,182 6 November 2012 (06.11.2012) US
13/826,218 14 March 2013 (14.03.2013) US
- (71) Applicant (for all designated States except US):
TRANSOCEAN SEDCO FOREX VENTURES LIMITED; 70 Harbour Drive, 4th Floor, George Town Grand Cayman, KY1-1003 (KY).
- (72) Inventors; and
(71) Applicants (for US only): **HILL, Edwin, T.** [US/US];
10011 Candlewood Drive, Houston, TX 77042 (US).

WADDELL, Dennis, W. [US/US]; 29 Sarita Road, Angleton, TX 77515 (US).

(74) Agents: **SIMPSON, Jan, K.** et al.; Fulbright & Jaworski LLP, 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (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, 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,

[Continued on next page]

(54) Title: CANTILEVER CONTAINED DRILLING UNIT

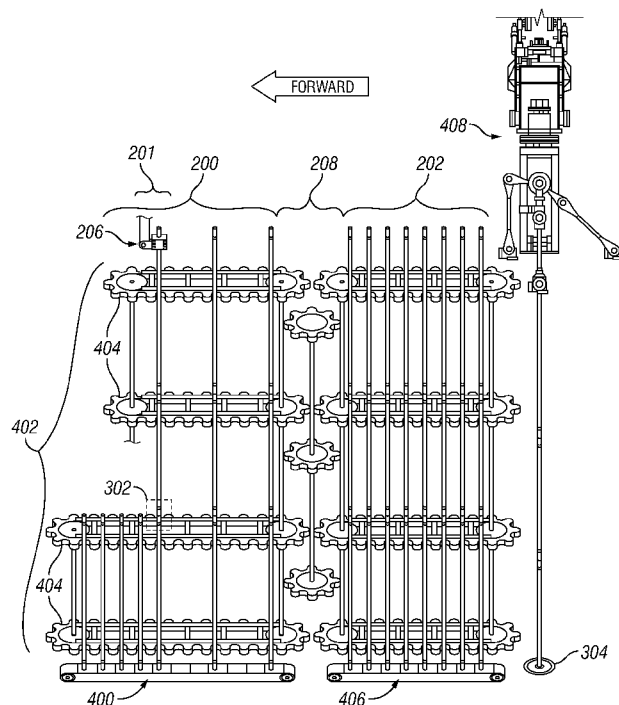


FIG. 4

(57) Abstract: The invention relates to a method and apparatus for attaching, detaching and conveying tubular on a drill cantilever. The method and apparatus include a tubular standbuilding conveyor assembly and a stand delivery conveyor assembly. The method and apparatus provide for improved movement, assembly and disassembly in order to eliminate inefficient movements and to improve consistent, repeatable performance.



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).

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*