



(51) International Patent Classification:

E04G 3/18 (2006.01) *E04G 3/24* (2006.01)
B66B 5/00 (2006.01)

(21) International Application Number:

PCT/SG2009/000387

(22) International Filing Date:

20 October 2009 (20.10.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

200808426-1 12 November 2008 (12.11.2008) SG

(71) Applicant (for all designated States except US): **DOST INTERNATIONAL PTE LTD.** [SG/SG]; 10 Bukit Batok Crescent, #05-05 The Spire, Singapore 658079 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LOW Tiang Boong** [SG/SG]; Dost Impact (1988) Pte Ltd, 10 Bukit Batok Crescent, #05-05 The Spire, Singapore 658079 (SG).

(74) Agent: **MCLAUGHLIN, Michael Gerard**; McLaughlin IP Pte. Ltd., PO Box 403, Singapore 914507 (SG).

(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, 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, HR, HU, IE, IS, IT, LT, LU, 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).

Published:

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

(54) Title: MOBILE CANTILEVER PLATFORMS AND METHODS OF INSTALLATION THEREOF

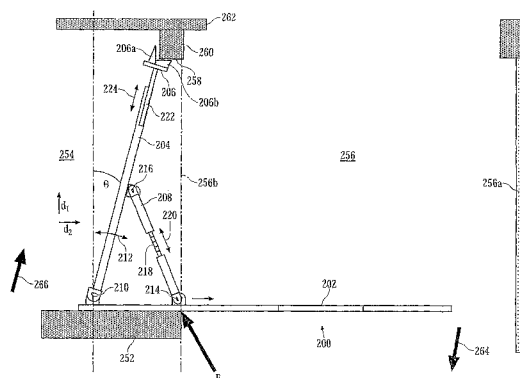


FIG. 2

(57) Abstract: A mobile cantilever platform (200) for installation in an elevator riser (256) comprises a first portion (202) arranged to extend from a working area (254) adjacent the elevator riser into the elevator riser. The mobile cantilever platform also comprises an elongate restraint member (204) for installation in a non-vertical orientation (Θ) and having an engagement member (206) for engagement with a surface (258) of the working area thereby to restrain the mobile cantilever platform against rotation about a fulcrum (F). A method of installing such a mobile cantilever platform is also disclosed. A method for construction or maintenance in an elevator riser (602) comprises installing a mobile cantilever platform (604) from a first working area (610) adjacent the elevator riser into the elevator riser. A temporary support structure (606) is installed on the mobile cantilever platform within the elevator riser and the mobile cantilever platform is installed from a second working area (612) into the elevator riser.