PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : E04H 7/04 — A1

(11) International Publication Number: WO 00/01907

(43) International Publication Date: 13 January 2000 (13.01.00)

(21) International Application Number: PCT/US99/15038

(22) International Filing Date: 2 July 1999 (02.07.99)

(30) Priority Data:
09/109,628 2 July 1998 (02.07.98) US

(71) Applicant: CHICAGO BRIDGE AND IRON COMPANY [US/US]; 1501 North Division Street, Plainfield, IL 60544-8929 (US).

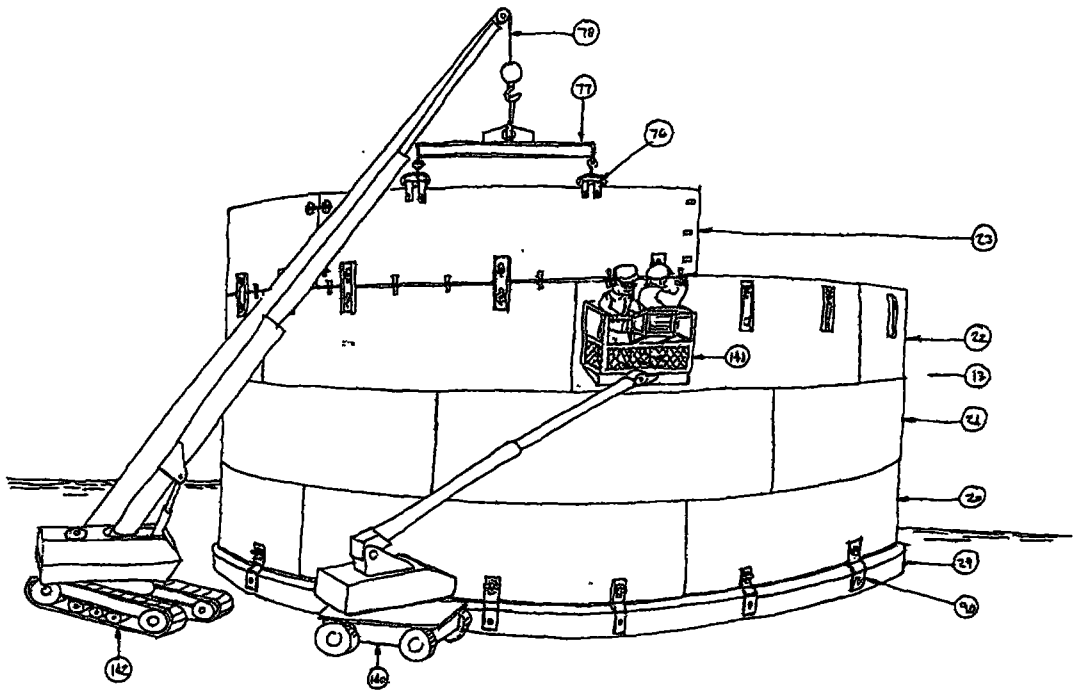
(72) Inventors: CHRISTIAN, Scott, B.; 334 East Lake Road, Pal Harbor, FL 34685 (US). EASTER, William, R.; 712 Buchanan Peninsula, Cherokee, AL 35045 (US).

(74) Agent: LABARGE, Richard, M.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).

(81) Designated States: AE, AU, CA, GB, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).

Published
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: SCAFFOLDLESS TANK ERECTION METHOD



(57) Abstract

A method of erecting the shell of an aboveground storage tank involves erection of the first shell ring; erecting the second and higher shell rings by using a mobile man lift to provide access for the construction personnel to the shell plates being erected; and anchoring the structure to reduce the risk of blow-ins from ambient wind.