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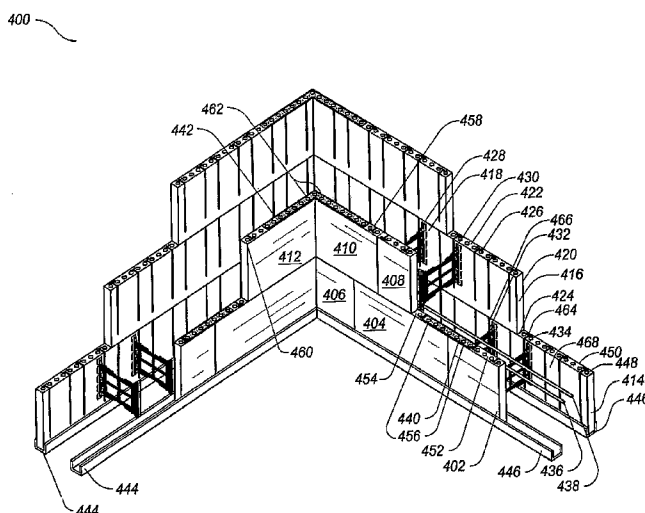
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(54) Title: EXTERIOR WALL CONSTRUCTION



(57) Abstract: Embodiments of the present invention relate to systems and methods of constructing concrete building, specifically through the use of insulated concrete forms. Current use of such forms, however, results in structural discontinuities in concrete and other construction deficiencies. The present invention provides a system for constructing exterior walls of a building, including two or more wall sections (402, 404, 406, 408, 410, 412, 414, 416, 418) configured in any length, width, height, and shape. Wall connectors (428, 430, 432, 434) maintain opposite wall sections in a desired position. Wall fasteners (442) secure adjacent walls. Anchor base plates (444, 446) attach the wall sections to a base structure. Concrete is poured into the wall system in a single event, creating one distinct monolithic unit and thus minimizes structural discontinuities of the concrete.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - E04B 2/00 (2007.10)

USPC - 52/426

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) - E04B 2/00, 2/30 (2007.10)

USPC - 52/293.1, 293.3, 298, 309.15, 309.17, 416, 417, 422, 426, 699, 703, 712, 716.8, 717.05, 717.06, 782.1, 783.1, 793.1, 793.11, 797.1, 800.1, 802.1, 802.11; 248/300

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

USPTO EAST System (US, USPG-PUB, EPO, DERWENT), MicroPatent

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,866,891 A (YOUNG) 19 September 1989 (19.09.1989) entire document	1-30
Y	US 4,604,843 A (OTT et al) 12 August 1986 (12.08.1986) entire document	1-30
Y	US 6,622,452 B2 (ALVARO) 23 September 2003 (23.09.2003) entire document	1-30
Y	US 6,935,081 B2 (DUNN et al) 30 August 2005 (30.08.2005) entire document	7, 23
A	US 5,992,114 A (ZELINSKY et al) 30 November 1999 (30.11.1999) entire document	1-30
A	US 6,085,476 A (JANTZI et al) 11 July 2000 (11.07.2000) entire document	1-30
A	US 2004/0040240 A1 (PATZ et al) 04 March 2004 (04.03.2004) entire document	1-30
A	US 6,352,237 B1 (SEVERINO) 05 March 2002 (05.03.2002) entire document	1-30

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