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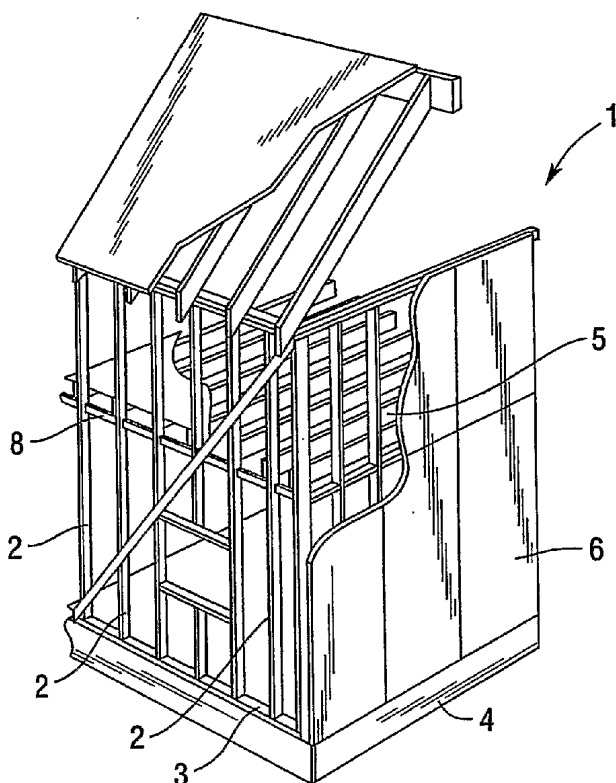
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[Continued on next page]

(54) Title: WALL AND FLOOR CONSTRUCTION ARRANGEMENTS AND METHODS



Prior Art
Fig.1

(57) Abstract: Various floor and wall constructions are disclosed. One embodiment includes a second vertical wall supported over a first vertical wall. One or more joist rims may be attached to the first vertical wall and pluralities of joists may be attached to the joist rims. Decking material may be supported on the plurality of joists. The second vertical wall may be fabricated from spaced second studs that extend between a top track and a bottom track. The bottom track comprises a web and two upstanding legs. The ends of the second studs serve to define open areas within the bottom track between the respective stud ends. A cementitious material may be applied onto the decking material and into the open areas within the bottom track to form the floor surfaces and barriers within the open areas.



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: **E04B 1/00**(2006.01),**5/00**(2006.01),**7/00**(2006.01)

USPC: 52/289,702,272,655.1,696,712

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)

U.S. : 52/289, 702, 272, 655.1, 696, 712

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,276,730 (Lewis) 7 July 1981, entire document	1-10, 12-15, 17-24, 29,
---	US 5,715,642 (Buers) 10 Feb. 1998, entire document	31, 37, 39-40
Y	US 1,406,989 (McCarthy) 21 Feb. 1922, entire document	----- 11, 16, 25, 33

☐ Further documents are listed in the continuation of Box C.

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