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(71) Applicant and

(72) Inventor: **MUELLER, Lee, W.** [US/US]; 4132 So. Rainbow Blvd., PMB 247, Las Vegas, NV 89103 (US).

(74) Agent: **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

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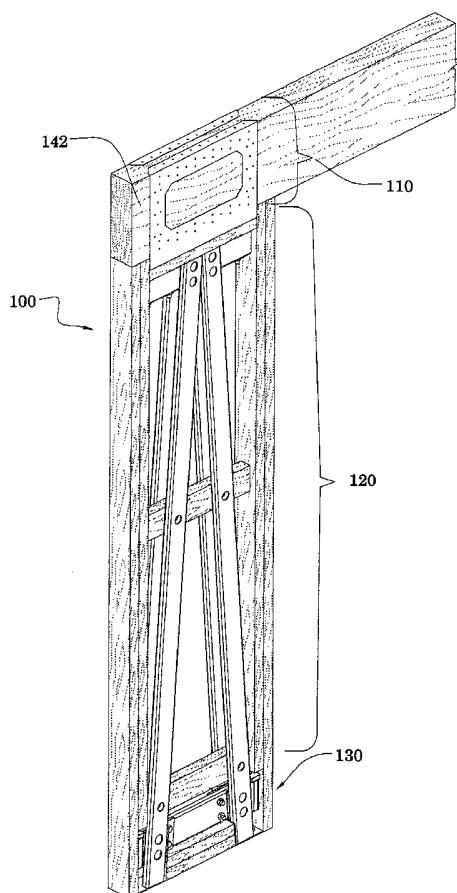
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(54) Title: A-FRAME SHEAR ASSEMBLY FOR WALLS



(57) Abstract: Lateral motion devices are used in conjunction with shear assemblies (100) to further dissipate shear forces on buildings. In one embodiment, the lateral motion device is interposed between the shear assembly and the upper portion (142) of the wall to permit relative motion therebetween and to absorb and dissipate a portion of the shear forces through expansion and/or compression of spring members. In another embodiment, the lateral motion device is interposed between the foundation (130) and the bottom of the shear assembly and in yet another embodiment, the lateral motion device is embedded in the foundation so as to be interposed between the anchor bolt and the foundation. The shear assembly can be either a panel assembly or an A-frame assembly (120).

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : E04B 1/98
US CL : 52/167.3, 167.4, 1

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. : 52/167.3, 167.4, 1, 167.1, DIG. 11

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)

BRS: shear, assembly, earthquake, A-frame, springs, foundation

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,630,298 A (TSAI et al.) 20 May 1997 (20.05.1997), column 2, lines 34-46, column 4, lines 2-11.	1, 6, 7, 11, 18, 19, 27, 34, 35, 41, 49, 55-64, 76

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

☐ See patent family annex.

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Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703)305-3230

Authorized officer

Carl D. Friedman

Telephone No. (703) 308-1113