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(12) **United States Patent**  
**MacAllen et al.**

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(54) **FLEXIBLE FURNITURE SYSTEM**  
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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.  
  
This patent is subject to a terminal disclaimer.

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(63) Continuation of application No. 14/698,262, filed on Apr. 28, 2015, now Pat. No. 9,309,668, which is a (Continued)

(30) **Foreign Application Priority Data**  
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(51) **Int. Cl.**  
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**A47G 5/00** (2006.01)  
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(52) **U.S. Cl.**  
CPC ..... **E04B 2/7401** (2013.01); **A47C 4/04** (2013.01); **A47C 5/005** (2013.01); **A47G 5/00** (2013.01);  
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(58) **Field of Classification Search**  
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**E04B 2/7405**; **E04B 1/00**; **A47C 4/04**;  
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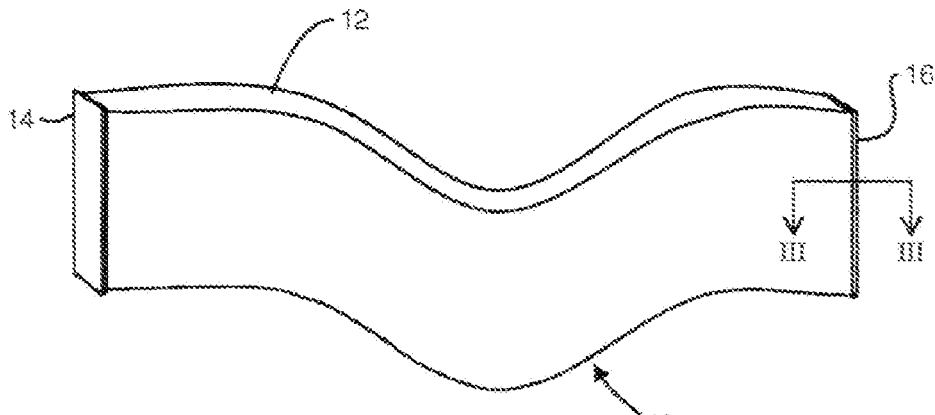
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(57) **ABSTRACT**  
  
A freestanding extensible wall for partitioning an area of a room, said wall having a base, a top, oppositely directed surfaces extending between said base and said top, said base, top and surfaces defining a core, said core comprising a cellular structure having multiple voids extending from said base to said top upon movement of said oppositely directed surfaces away from each other, said base having a width of at least 10 centimeters and placed on a floor, and said core having a height of at least 1 meter, whereby opposite ends of said core may be moved apart to expand said cellular structure and extend the length of said core and to form at least a substantially straight freestanding wall configuration, while maintaining its vertical extent.

**35 Claims, 41 Drawing Sheets**



**Related U.S. Application Data**

continuation of application No. 14/638,704, filed on Mar. 4, 2015, now Pat. No. 9,290,935, which is a continuation of application No. 14/042,857, filed on Oct. 1, 2013, now Pat. No. 9,243,403, which is a continuation of application No. 12/646,822, filed on Dec. 23, 2009, now Pat. No. 8,561,666, which is a continuation-in-part of application No. 12/343,042, filed on Dec. 23, 2008, now Pat. No. 9,394,686, which is a continuation-in-part of application No. 11/742,984, filed on May 1, 2007, now Pat. No. 7,866,366, which is a continuation-in-part of application No. 11/287,195, filed on Nov. 28, 2005, now abandoned.

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(51) **Int. Cl.**

*A47C 4/04* (2006.01)  
*A47C 5/00* (2006.01)  
*E04B 1/00* (2006.01)  
*E06B 9/262* (2006.01)

(52) **U.S. Cl.**

CPC ..... *E04B 1/00* (2013.01); *E04B 2/7405* (2013.01); *E04B 2/7433* (2013.01); *E06B 9/262* (2013.01)

(58) **Field of Classification Search**

USPC ..... 160/84.05, 351, 135, 113, 114; 410/154; 428/116, 118, 178; 52/793.1, 793.11, 28, 52/DIG. 28; 156/197; 362/352, 353; 297/440.14

See application file for complete search history.

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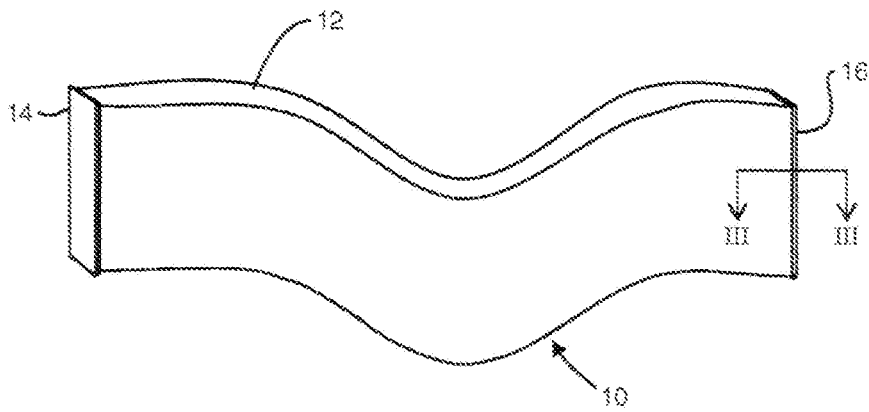


FIG. 1

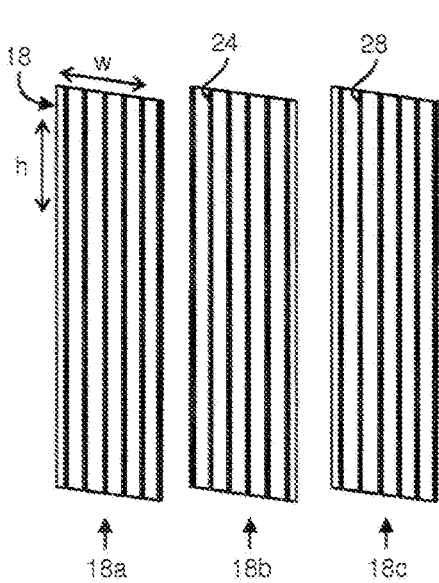


FIG. 2

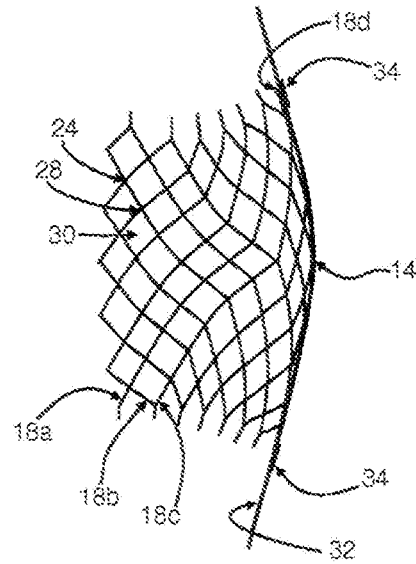


FIG. 3

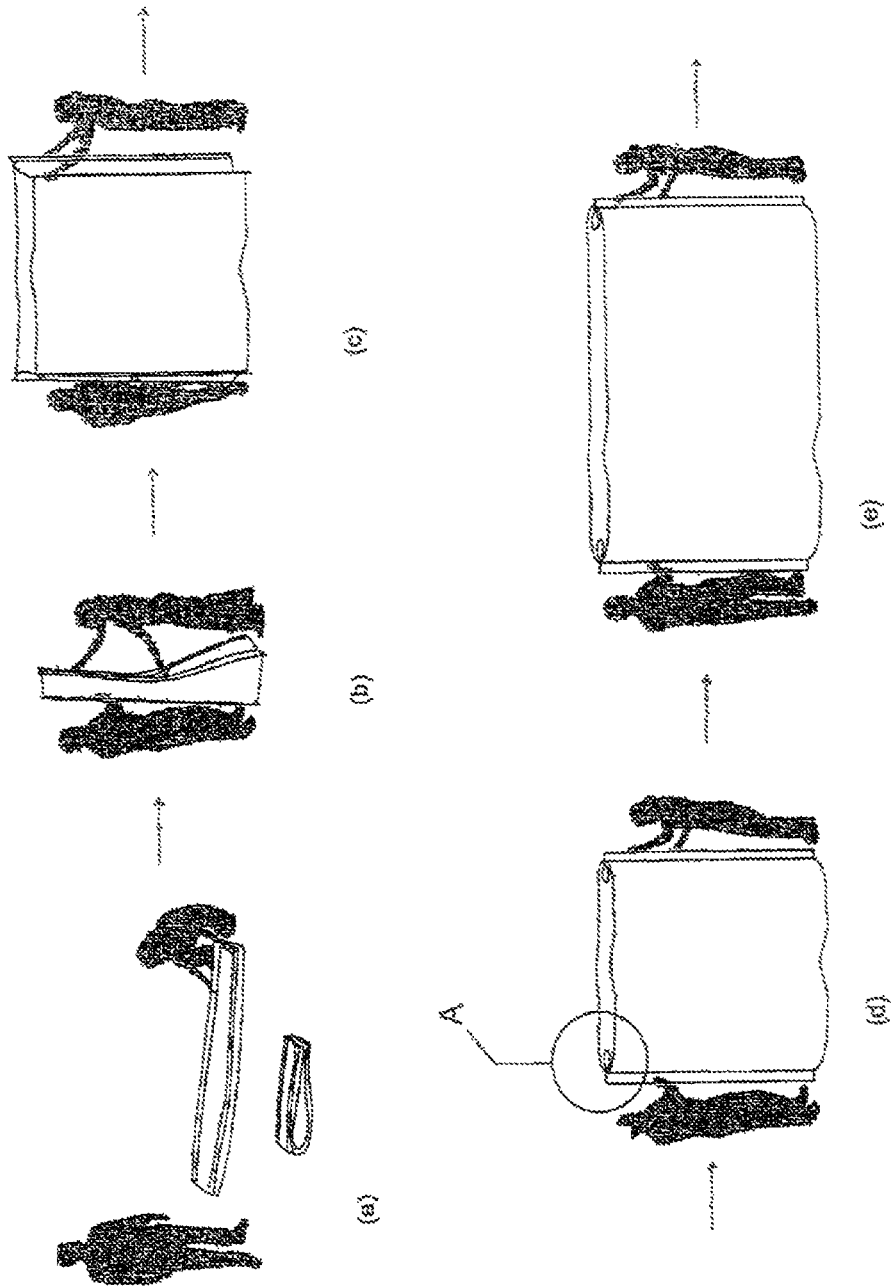


FIG 4

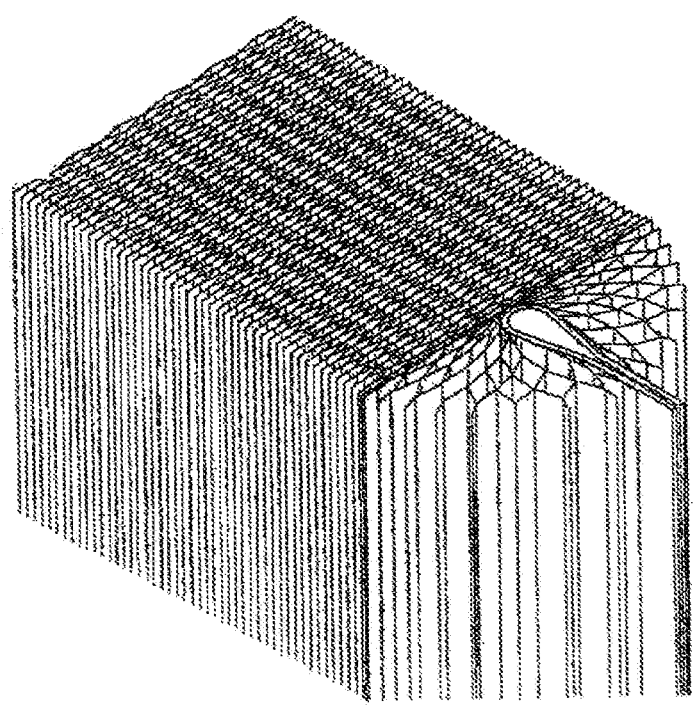
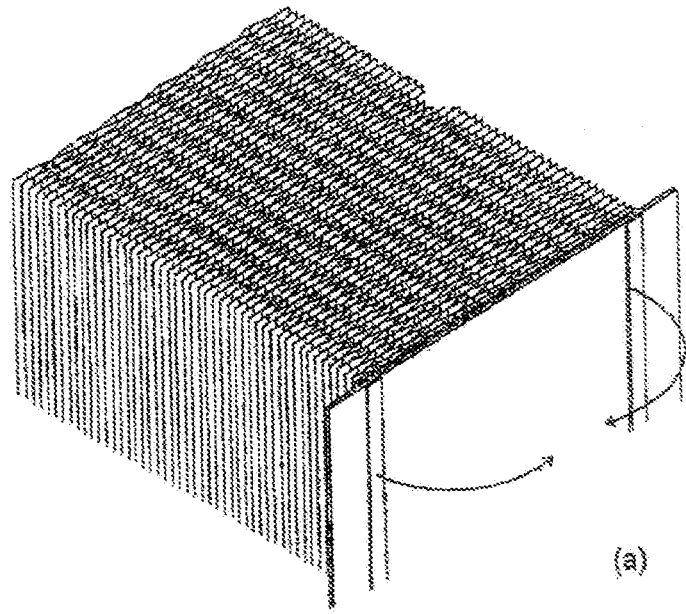


FIG 5

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