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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 396 days.

This patent is subject to a terminal disclaimer.

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(60) Provisional application No. 60/681,972, filed on May 18, 2005.

(30) **Foreign Application Priority Data**  
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(51) **Int. Cl.**  
**A47H 5/00** (2006.01)  
(52) **U.S. Cl.** ..... **160/84.05**; 160/135; 160/351;  
108/157.14  
(58) **Field of Classification Search** ..... 160/84.05,  
160/351, 135, 113, 114; 410/154; 428/116,  
428/118, 178; 52/793.1, 793.11; 156/197;  
108/157.14

See application file for complete search history.

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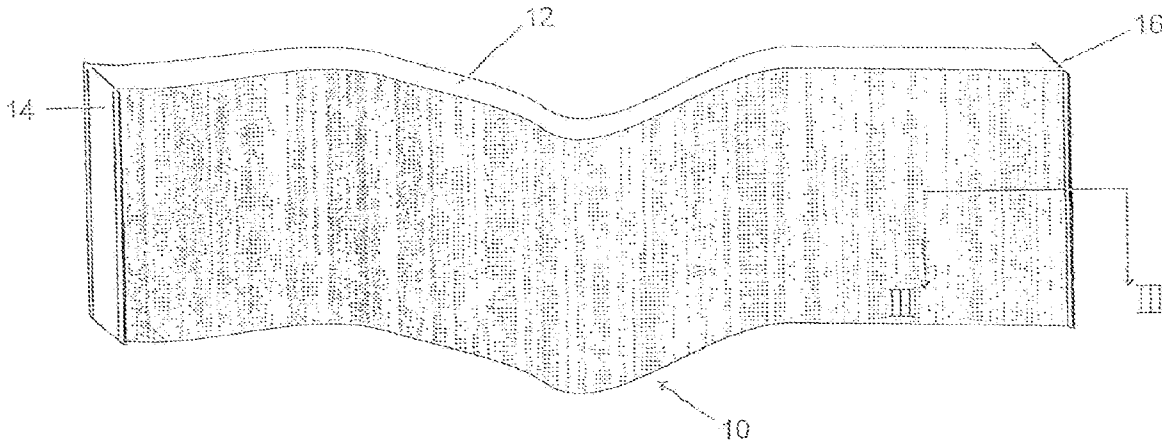
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(57) **ABSTRACT**  
An article of flexible furniture having a core formed from a plurality of laminar panels of a flaccid material and each panel having a pair of oppositely directed major faces, adjacent faces of said panels being inter-connected to provide a cellular structure upon movement of abutting faces away from each other, a pair of supports at opposite ends of said core and connected to respective ones of said faces, said supports being self-supporting to provide rigidity to said core whereby said supports may be moved apart to expand said cellular and extend the length of said partition.

**27 Claims, 14 Drawing Sheets**



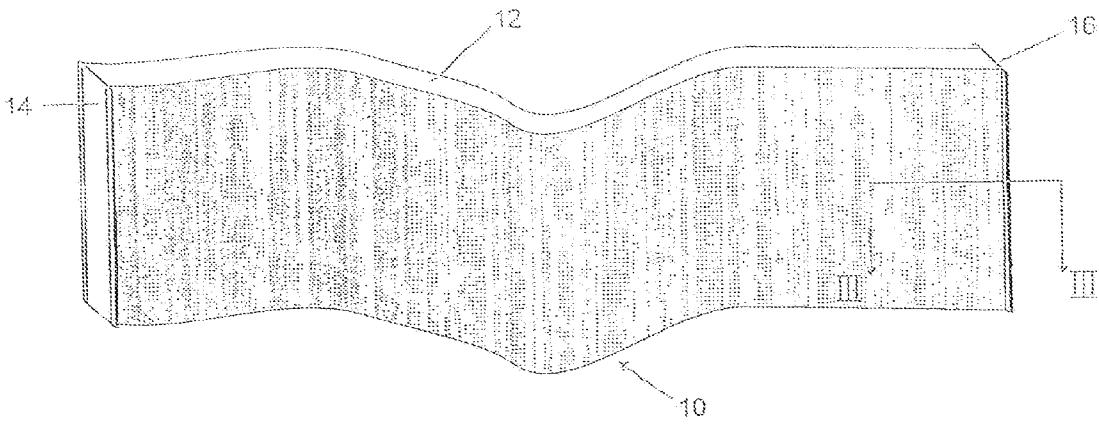


FIG 1

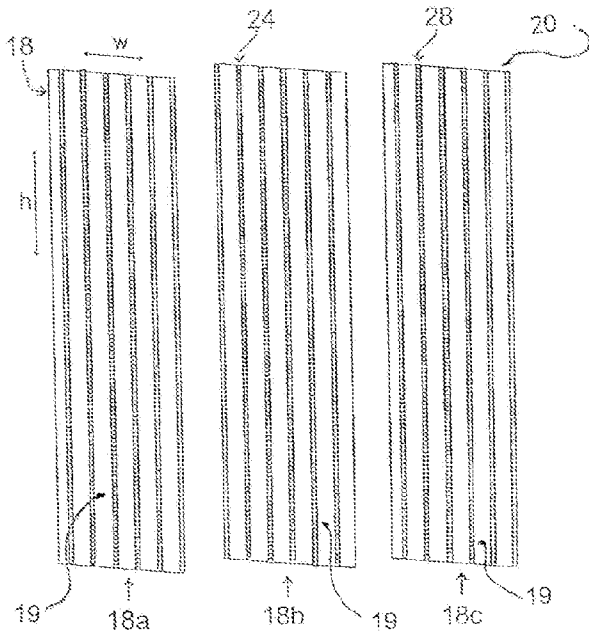


FIG 2

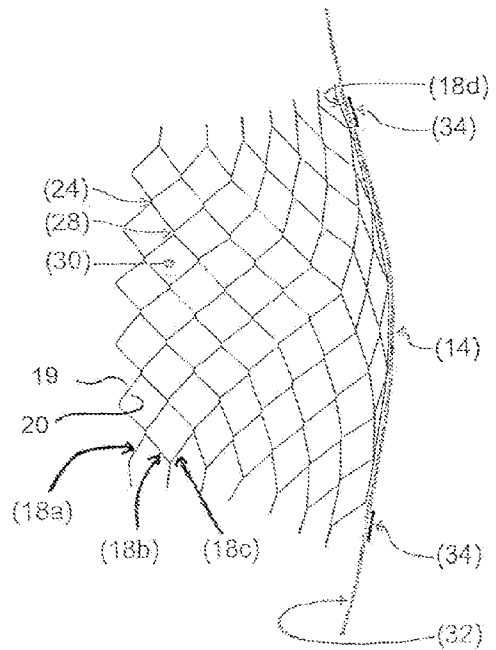


FIG 3

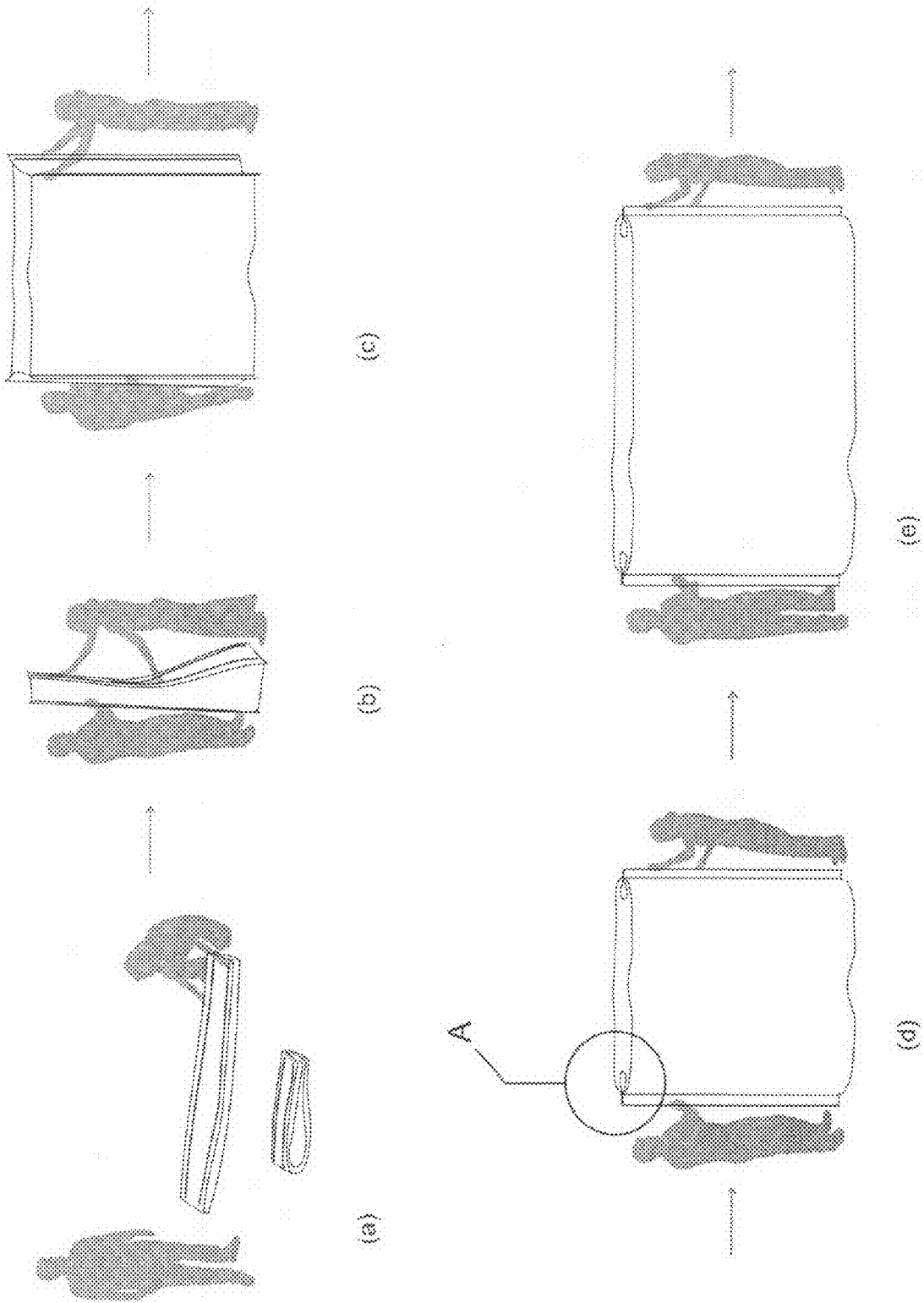
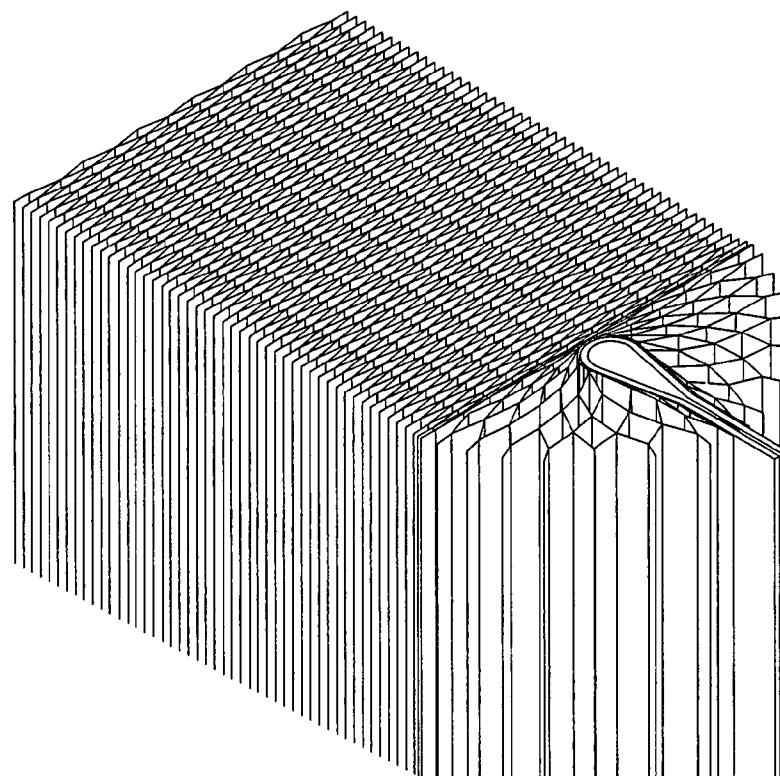
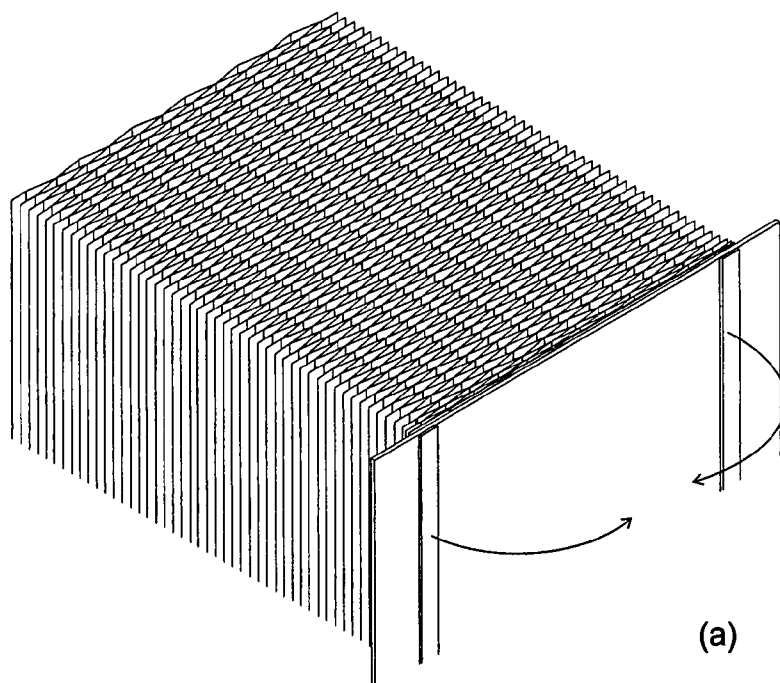
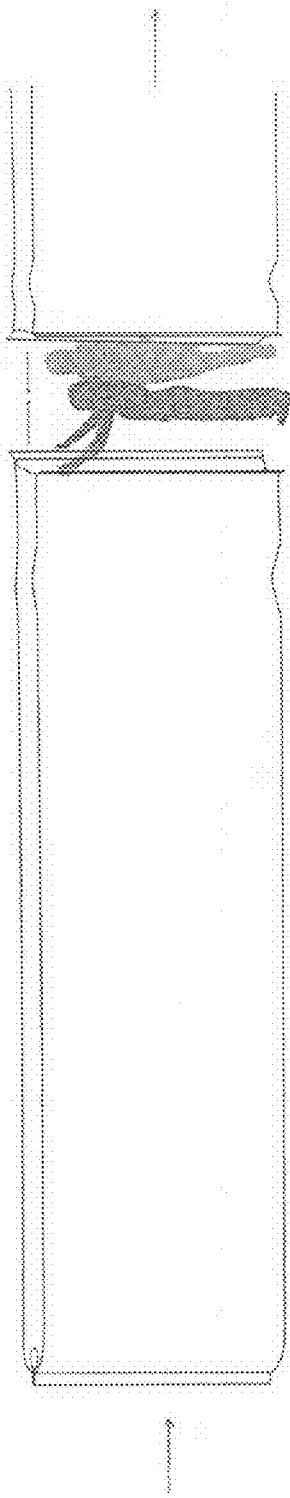


FIG 4



(b)

FIG 5



(a)

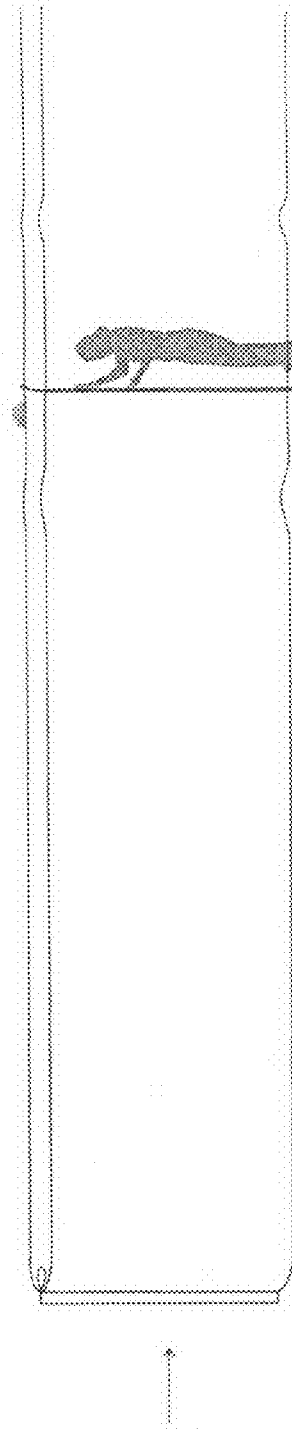


FIG 6

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