

(12) United States Patent

Gosling et al.

(54) INTEGRATED RECONFIGURABLE WALL **SYSTEM**

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U.S. Cl. **52/238.1**; 52/481.2; 52/772

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See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

5,600,926	A *	2/1997	Ehrlich	52/239
6,250,032	B1*	6/2001	Davis et al	52/239

(10) **Patent No.:**

US 8,024,901 B2

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	6,260,321	B1*	7/2001	Rudduck 52/474
	6,282,854	B1*	9/2001	Vos et al 52/239
	6,341,457	B1 *	1/2002	Aerts et al 52/239
	6,481,168	B1*	11/2002	Hodges et al 52/220.7
	6,920,727	B2 *	7/2005	Yu et al 52/239
2	2002/0108330	A1*	8/2002	Yu et al 52/238.1
2	2002/0157335	A1	10/2002	Vos
2	2003/0089057	A1*	5/2003	Wiechecki et al 52/238.1
2	2003/0221384	$\mathbf{A}1$	12/2003	Burken et al.
2	2004/0020137	A1*	2/2004	Battey et al 52/36.1
2	2004/0035074	$\mathbf{A}1$	2/2004	Stanescu et al.
2	2004/0177573	A1*	9/2004	Newhouse et al 52/239
2	2006/0059806	A1	3/2006	Gosling et al.
2	2006/0185276	A1	8/2006	Pai

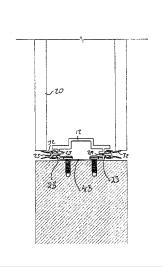
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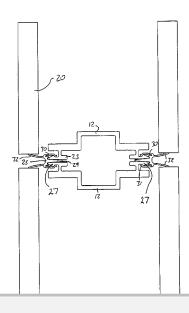
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(57)ABSTRACT

A movable reconfigurable wall system having at least one module having a front and rear surface, the at least one module having: vertical end frames disposed at least at its side edges, each the vertical end frame having a vertically extending flange directed toward the front surface and a vertically extending flange directed toward the rear surface; a plurality of horizontal stringers affixed between the pair of vertical end frames; and an aesthetic surface affixed to the stringers; and a removable connecting strip, the connecting strip adapted to affix about one of the two flanges on one of the vertical end frames and join the one of the two flanges to a corresponding flange on one of a second module, a wall bracket, a finishing trim or a connection post.

25 Claims, 21 Drawing Sheets







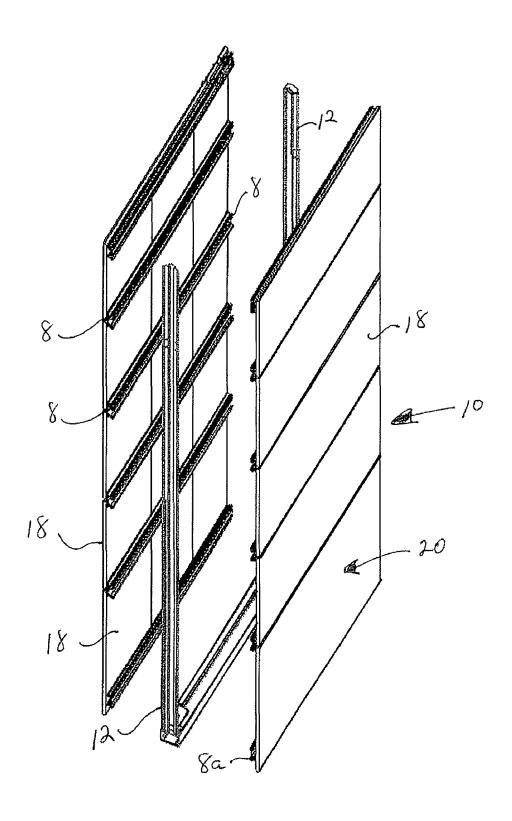
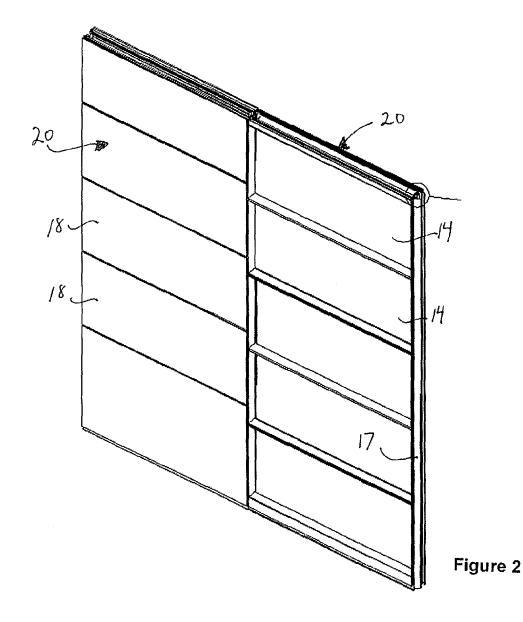
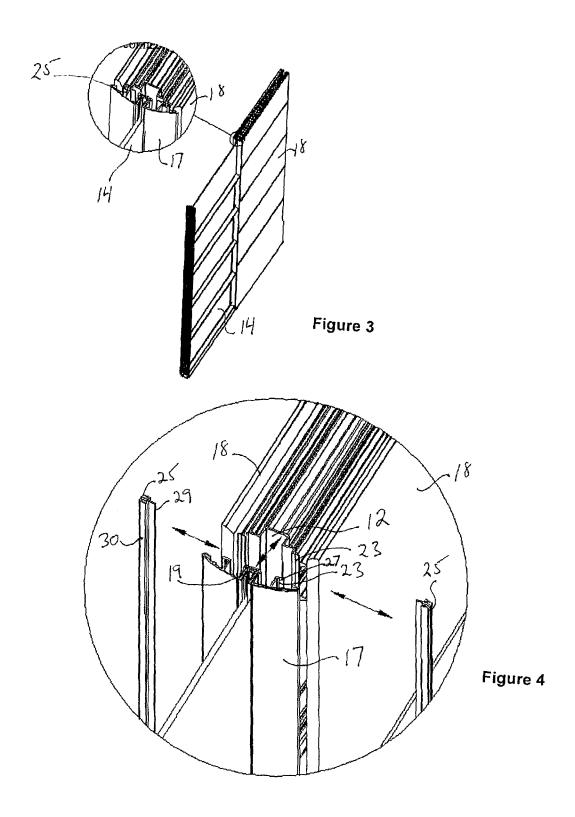
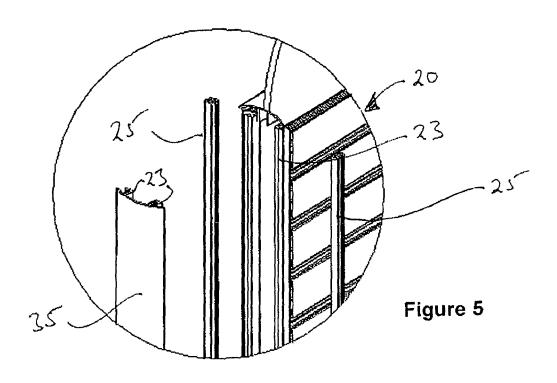


Figure 1









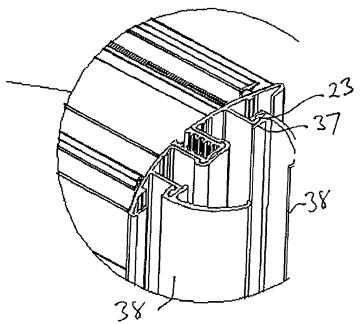


Figure 6

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