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*Michelle K. Lee*

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**Hunt et al.**

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(54) **STUD MOUNTED HEADWALL UNIT AND METHOD FOR INSTALLING SAME**

(75) Inventors: **Barry W. Hunt**, Kitchener (CA);  
**Christopher B. Over**, Cambridge (CA);  
**Michael John Baratto**, Milton (CA);  
**Brendan S. Fernandes**, London (CA);  
**Daniel Soares Costa**, Brantford (CA);  
**Tricia A. Blondin**, Milton (CA)

(73) Assignee: **Class Inc.**, Cambridge, Ontario (CA)

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,338,485 A	7 1982	Fullenkamp et al.	
4,821,470 A	4 1989	Kappers et al.	
4,905,433 A *	3 1990	Miller	174 504
5,653,064 A *	8 1997	Kappers et al.	52 36 4
5,756,933 A *	5 1998	Pitchford et al.	174 481
6,145,253 A *	11 2000	Gallant et al.	52 36.1
6,895,715 B2	5 2005	Gallant et al.	
7,204,714 B2	4 2007	Walker et al.	
7,857,354 B2 *	12 2010	Bally et al.	285 12
2003 0177713 A1 *	9 2003	Walker et al.	52 79.1
2008 0283291 A1 *	11 2008	Makwinski et al.	174 481

\* cited by examiner

*Primary Examiner* -- William Gilbert  
*Assistant Examiner* -- Kyle Walraed-Sullivan  
(74) *Attorney, Agent, or Firm* -- Bereskin Parr LLP/S.E.N.C.R.L., s.r.l.

(57) **ABSTRACT**

A headwall unit mountable to at least one wall support member, the at least one wall support member having a wall supporting surface for receiving wall material. The headwall unit includes a frame comprising a back plate mountable to the at least one wall support member so as to overlie the wall supporting surface, the back plate having at least one back port for receiving a medical service carrier through the back plate; and a faceplate attachable to the frame such that the faceplate is spaced apart from the back plate and defines a space therebetween for receiving a fixture, the fixture being connectable to the medical service carrier for supplying a medical service.

21 Claims, 7 Drawing Sheets

