



US006799591B2

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

(10) **Patent No.:** **US 6,799,591 B2**  
(45) **Date of Patent:** **Oct. 5, 2004**

(54) **WASH FLUID CONTAINMENT SYSTEM**  
(75) **Inventors:** **James P. McCormick, Sandy, UT**  
**(US); Alan G. McCormick, Sandy, UT**  
**(US); Kerry G. Smith, Kaysville, UT**  
**(US)**

(73) **Assignee:** **Hydro Engineering, Inc., Salt Lake**  
**City, UT (US)**

(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 40 days.

(21) **Appl. No.:** **09/798,426**

(22) **Filed:** **Mar. 2, 2001**

(65) **Prior Publication Data**

US 2002/0121293 A1 Sep. 5, 2002

(51) **Int. Cl.<sup>7</sup>** ..... **B08B 7/00**

(52) **U.S. Cl.** ..... **134/104.2; 134/111; 134/123**

(58) **Field of Search** ..... **134/104.2, 109,**  
**134/110, 111, 123; 52/302.1, 302.3, 11,**  
**12, 15**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,808,237 A	2/1989	McCormick et al.	134/26
5,033,489 A	7/1991	Ferre et al.	134/57 R
5,330,579 A *	7/1994	Rushing et al.	134/12
5,498,329 A *	3/1996	Lamminen et al.	210/86

5,535,766 A *	7/1996	Edwards	134/60
5,547,312 A	8/1996	Schmitz, Jr.	405/52
5,597,001 A	1/1997	Rasmussen et al.	134/104.2
5,669,982 A	9/1997	Latimer	134/10
5,673,715 A	10/1997	Carter	134/104.4
5,738,139 A	4/1998	DeChard	137/312
5,785,067 A	7/1998	Kosofsky	134/102.1
5,803,982 A	9/1998	Kosofsky et al.	134/10
6,000,631 A *	12/1999	Lamminen et al.	239/200
6,021,792 A	2/2000	Petter et al.	134/111
6,106,712 A *	8/2000	New	210/241
6,301,848 B1 *	10/2001	Whitaker	52/302.1
6,561,201 B1 *	5/2003	MidkiFF	134/104.4
2002/0117191 A1 *	8/2002	Krenzel	134/104.1
2003/0205257 A1 *	11/2003	Gross	134/123

\* cited by examiner

*Primary Examiner*—Frankie L. Stinson

*Assistant Examiner*—Joseph L. Perrin

(74) *Attorney, Agent, or Firm*—Lynn G. Foster

(57) **ABSTRACT**

A wash fluid containment system includes an elevated, fluid impervious surface upon which items to be washed are placed for washing. The surface is configured to cause wash fluid to flow to an edge of the surface and off of the surface to prevent buildup of wash fluid on the surface. A collecting trough is positioned in fluid flow communication with the edges of the surface to which the fluid flows to catch and collect the fluid as it flows from the surface. Used wash fluid is taken from the collecting trough for disposal or recycling and solids and debris can be easily removed from the trough.

**17 Claims, 7 Drawing Sheets**

