U.S. PATENT DOCUMENTS

4,684,801	A		8/1987	Carroll et al.	
4,704,909	A		11/1987	Grahn et al.	
4,720,805	A		1/1988	Vye	
4,763,100	A		8/1988	Wood	
4,787,051	A		11/1988	Olson	
4,798,919	A		1/1989	Miessler et al.	
4,811,608	A		3/1989	Hilton	
4,823,634	A		4/1989	Culver	
4,839,838	A		6/1989	LaBiche et al.	
4,954,817	A		9/1990	Levine	
4,983,786	A		1/1991	Stevens et al.	
4,988,981	A		1/1991	Zimmerman et al.	
5,095,303	A		3/1992	Clark et al.	
5,128,671	A		7/1992	Thomas, Jr.	
5,165,897	A		11/1992	Johnson	
5,178,012	A		1/1993	Culp	
5,185,561	A		2/1993	Good et al.	
5,262,777	A	*	11/1993	Low et al.	341/20
5,327,161	A		7/1994	Logan et al.	
5,335,557	A		8/1994	Yasutake	
5,354,162	A		10/1994	Burdea et al.	
5,376,948	A		12/1994	Roberts	
5,389,865	A		2/1995	Jacobus et al.	
5,408,407	A		4/1995	Lefkowitz et al.	
5,429,140	A		7/1995	Burdea et al.	
5,440,476	A		8/1995	Lefkowitz et al.	
5,459,382	A		10/1995	Jacobus et al.	
5,483,261	A		1/1996	Yasutake	
5,506,605	A		4/1996	Paley	
5,543,590	A		8/1996	Gillesple et al.	
5,555,894	A		9/1996	Doyama et al.	
5,565,891	A		10/1996	Armstrong	
5,717,423	A		2/1998	Parker	
5,729,249	A	*	3/1998	Yasutake	345/173
5,774,113	A		6/1998	Barnes	
6,087,599	A	*	7/2000	Knowles	178/18.04
6,091,406	A	*	7/2000	Kambara et al.	345/177

FOREIGN PATENT DOCUMENTS

SU	1244515	7/1986
WO	WO 92/08208	5/1992
WO	WO 93/11526	6/1993
WO	WO 95/20787	8/1995
WO	WO 95/20788	8/1995

OTHER PUBLICATIONS

Ken–ichi Kameyama, Koichi Ohtomi; A Shape Modeling System with a Volume Scanning Display and Multisensory Input Device; Presence; vol. 2, No. 2, Spring 1993.

Tamotsu Murakami, Naomasa Nakajima; Direct and Intuitive Input Device for 3–D Shape Deformation; Human Factors in Computing Systems; Apr. 24–28, 1994.

* cited by examiner