2001/0035854	A1	11/2001	Rosenberg et al.
2002/0033795	A1	3/2002	Shahoian et al.
2002/0149561	A1	10/2002	Fukumoto et al.
2002/0149570	A1	10/2002	Knowles et al.
2002/0156807	A1	10/2002	Dieberger
2003/0006892	A1	1/2003	Church
2003/0016211	A1	1/2003	Woolley
2003/0022701	A1	1/2003	Gupta
2003/0025679	A1	2/2003	Taylor et al.
2003/0030628	A1	2/2003	Sato et al.
2003/0038776	A1	2/2003	Rosenberg et al.
2003/0048260	A1	3/2003	Matusis
2003/0058265	A1	3/2003	Robinson et al.
2003/0067449	A1	4/2003	Yoshikawa et al.
2003/0071795	A1	4/2003	Baldauf et al.
2003/0095105	A1	5/2003	Vaananen
2003/0128191	A1	7/2003	Strasser et al.
2003/0128192	A1	7/2003	van Os
2003/0151597	A1	8/2003	Roberts et al.
2003/0174121	A1	9/2003	Poupyrev et al.
2003/0179190	A1	9/2003	Franzen

FOREIGN PATENT DOCUMENTS

EP	0 556 999	B1	5/1998
EP	0556999	B1	5/1998
EP	1182851	A1	2/2002
JP	63-164127		10/1988
JP	01-003664		7/1990
JP	02-109714		1/1992
JP	5-20226		3/1993
JP	04-007371		8/1993
JP	6-018341		1/1994
JP	6-1339018		5/1994
JP	05-193862		1/1995
JP	7-64723		3/1995
JP	07-266263		10/1995
JP	11-299305		2/1999
JP	11-85400		3/1999
JP	11-338629		12/1999
JP	2001-350592	A	12/2001
JP	2002-259059	A	9/2002
WO	92/00559	A1	1/1992
WO	97/18546		5/1997
WO	WO 97/18546	A1	5/1997
WO	WO 02/12991	A1	2/2002
WO	WO 02/27645		4/2002
WO	WO 02/31807	A1	4/2002

OTHER PUBLICATIONS

Adelstein, "Design and Implementation of a Force Reflecting Manipulandum for Manual Control research," DSC-vol. 42, Advances in Robotics, Edited by H. Kazerooni, pp. 1-12, 1992.

Aukstakalnis et al., "Silicon Mirage: The Art and Science of Virtual Reality," ISBN 0-938151-82-7, pp. 129-180, 1992.

Baigrie, "Electric Control Loading—A Low Cost, High Performance Alternative," Proceedings, pp. 247-254, Nov. 6-8, 1990.

Bejczy et al., "Kinesthetic Coupling Between Operator and Remote Manipulator," International Computer Technology Conference, The American Society of Mechanical Engineers, San Francisco, CA, Aug. 12-15, 1980.

Bejczy, "Sensors, Controls, and Man-Machine Interface for Advanced Teleoperation," Science, vol. 208, No. 4450, pp. 1327-1335, 1980.

Bejczy, "Generalization of Bilateral Force-Reflecting Control of Manipulators," Proceedings Of Fourth CISM-IFToMM, Sep. 8-12, 1981.

Bejczy, et al., "Universal Computer Control System (UCCS) For Space Telerobots," CH2413-3/87/0000/0318501.00 1987 IEEE, 1987.

Bejczy et al., "A Laboratory Breadboard System For Dual-Arm Teleoperation," SOAR '89 Workshop, JSC, Houston, TX, Jul. 25-27, 1989.

Bliss, "Optical-to-Tactile Image Conversion for the Blind," IEEE Transactions on Man-Machine Systems, vol. MMS-11, No. 1, Mar. 1970.

Brooks et al., "Hand Controllers for Teleoperation—A State-of-the-Art Technology Survey and Evaluation," JPL Publication 85-11; NASA-CR-175890; N85-285559, pp. 1-84, Mar. 1, 1985.

Burdea et al., "Distributed Virtual Force Feedback, Lecture Notes for Workshop on Force Display in Virtual Environments and its Application to Robotic Teleoperation," 1993 IEEE International Conference on Robotics and Automation, pp. 25-44, May 2, 1993.

Calder, "Design of A Force-Feedback Touch-Introducing Actuator For Teleoperator Robot Control," Bachelor of Science Thesis, MIT, Jun. 23, 1983.

Caldwell et al., "Enhanced Tactile Feedback (Tele-Taction) Using a Multi-Functional Sensory System," 1050-4729/93, pp. 955-960, 1993.

"Cyberman Technical Specification," Logitech Cyberman SWIFT Supplement, Apr. 5, 1994.

Eberhardt et al., "OMAR—A Haptic display for speech perception by deaf and deaf-blind individuals," IEEE Virtual Reality Annual International Symposium, Seattle, WA, Sep. 18-22, 1993.

Eberhardt et al., "Including Dynamic Haptic Perception by The Hand: System Description and Some Results," DSC-vol. 55-1, Dynamic Systems and Control: vol. 1, ASME 1994.

Fokumoto, "Active Click: Tactile Feedback For Touch Panels," ACM CHI2001 Extended Abstracts, pp. 121-122, Apr. 2001.

Force Feedback Touch Panel, Represented by CSC Division, Sales Department, SIXIK Corporation, Tokyo, Japan, www.smk.co.jp.

Gobel et al., "Tactile Feedback Applied to Computer Mice," International Journal of Human-Computer Interaction, vol. 7, No. 1, pp. 1-24, 1995.

Gotow et al., "Controlled Impedance Test Apparatus for Studying Human Interpretation of Kinesthetic Feedback," WA11-11:00, pp. 332-337.

Howe, "A Force-Reflecting Teleoperated Hand System for the Study of Tactile Sensing in Precision Manipulation," Proceedings of the 1992 IEEE International Conference on Robotics and Automation, Nice, France, May 1992.

IBM Technical Disclosure Bulletin, "Mouse Ball-Actuating Device With Force and Tactile Feedback," vol. 32, No. 9B, Feb. 1990.

Iwata, "Pen-based Haptic Virtual Environment," 0-7803-1363-1/93 IEEE, pp. 287-292, 1993.

Jacobsen et al., "High Performance, Dextrous Telerobotic Manipulator With Force Reflection," Intervention/ROV '91 Conference & Exposition, Hollywood, Florida, May 21-23, 1991.

Johnson, "Shape-Memory Alloy Tactile Feedback Actuator," Armstrong Aerospace Medical Research Laboratory, AAMRL-TR-90-039, Aug. 1990.

Jones et al., "A perceptual analysis of stiffness," ISSN 0014-4819 Springer International (Springer-Verlag); Experimental Brain Research, vol. 79, No. 1, pp. 150-156, 1990.

Kaczmarek et al., "Tactile Displays," Virtual Environment Technologies.

Kontarinis et al., "Display of High-Frequency Tactile Information to Teleoperators," Telemanipulator Technology and Space Telerobotics, Won S. Kim, Editor, Proc. SPIE vol. 2057, pp. 40-50, Sep. 7-9, 1993.

Kontarinis et al., "Tactile Display of Vibratory Information in Teleoperation and Virtual Environments," Presence, 4(4):387-402, 1995.

Lake, "Cyberman from Logitech," GameBytes, 1994.

Marcus, "Touch Feedback in Surgery," Proceedings of Virtual Reality and Medicine The Cutting Edge, Sep. 8-11, 1994.

McAffee, "Teleoperator Subsystem/Telerobot Demonstrator: Force Reflecting Hand Controller Equipment Manual," JPL D-5172, pp. 1-50, A1-A36, B1-B5, C1-C36, Jan. 1988.

Minsky, "Computational Haptics: The Sandpaper System for Synthesizing Texture for a Force-Feedback Display," Ph.D. Dissertation, MIT, Jun. 1995.

Ouh-Young, "Force Display in Molecular Docking," Order No. 9034744, p. 1-369, 1990.