

Filed on behalf of ABB, Inc.

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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ABB, INC.

Petitioner

v.

ROY-G-BIV CORPORATION

Patent Owner

Case IPR2013-00062

Case IPR2013-00282

Patent 6,516,236 B1

ABB'S CURRENT LIST OF EXHIBITS

LIST OF EXHIBITS

Previously Filed

- 1001 David W. Brown et al., U.S. Patent No. 6,516,236, “Motion Control Systems”, Issued February 4, 2003.
- 1002 Gertz, M.W., *A Visual Programming Environment for Real-Time Control Systems*. Ph.D. dissertation, Carnegie Mellon University, Nov. 22, 1994 (“Gertz”).
- 1003 Microsoft Corporation, *WOSA (Windows Open Services Architecture) Extensions for Financial Services*, April 14, 1994 (“WOSA/XFS”).
- 1004 Stewart, D.B., *Real-Time Software Design and Analysis of Reconfigurable Multi-Sensor Based Systems*. Ph.D. dissertation, Carnegie Mellon University, April 1, 1994 (“Stewart”).
- 1005 Morrow, J. Dan; Nelson, Bradley J.; and Khosla, Pradeep, *Vision and Force Driven Sensorimotor Primitives for Robotic Assembly Skills*. Institute for Software Research, paper 574, January 1, 1995 (“Morrow”).
- 1006 Microsoft Press, *MS Windows 3.1 Device Driver Adaptation Guide*, © 1991, Chs. 1-2, 4, 10-12 (“DDAG”).
- 1007 Hall, Marty and Mayfield, James, *Improving the Performance of AI Software: Payoffs and Pitfalls in Using Automatic Memoization*. Proceedings of Sixth International Symposium on Artificial Intelligence, Monterrey, Mexico, September 1993 (“Hall”).
- 1008 Michael Wright et al., U.S. Patent No. 5,453,933, “CNC Control System,” issued Sept. 26, 1995 (“Wright”).
- 1009 David B. Stewart et al., *The Chimera II Real-Time Operating System for Advanced Sensor-Based Control Applications*. Institute for Software Research, paper 613, January 1, 1992 (“Chimera II”).
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- 1011 Kevin Holloway, *Motion Software Heads Toward Friendlier User Environments*, published at www.roygbiv.com/XMCreview1.htm, January 21, 1997 (“Holloway”).
- 1012 Plaintiff Roy-G-Biv Corporation’s Opening Markman Brief, *Roy-G-Biv Corp., v. Fanuc Ltd., et al.* (E.D.Tex., Nov. 21, 2008) (CASE NO. 2:07-CV-0418-DF-CE) (“RGB Markman Brief”).
- 1013 Claim Construction Order, *Roy-G-Biv Corp., v. Fanuc Ltd., et al.* (E.D.Tex., Nov. 21, 2008) (CASE NO. 2:07-CV-0418-DF-CE) (“Markman Order”).
- 1014 U.S. Patent No. 5,881,230, “Method and System for Remote Automation of Object Oriented Applications,” issued Mar. 9, 1999 (“Christensen”).
- 1015 U.S. Patent No. 5,691,897, “Motion Control Systems,” issued Nov. 25, 1997 (“the ’897 Patent”).
- 1016 U.S. Patent No. 5,867,385, “Motion Control Systems,” issued Feb. 2, 1999 (“the 385 Patent”).
- 1017 Jacob Tal, *Step by Step Design of Motion Control Systems*, Chapters 9 and 10, Galil Motion Control, Inc., 1994 (“Tal”).
- 1018 Hewlett Packard, *Matrix/Plotter Programming*, HP 9831A Desktop Computer, 1977 (“HP77”).
- 1019 Hewlett Packard, *Interface and Programming Manual*, HP 7550 Graphics Plotter, 3rd ed., 1986 (“HP86”).
- 1020 Hewlett Packard, *User’s Guide*, HP 7550 Plus Plotter, 1990 (“HP90”).
- 1021 Martin L. Stone et al., *An Intelligent Plotter for High-Throughput, Unattended Operation*, *Hewlett-Packard Journal*, April, 1985 (“HP85”).
- 1022 Preliminary Infringement Contentions, *ROY-G-BIV Corp., v. ABB, Ltd. et al.* (E.D.Tex., Sept. 14, 2012) (CASE NO. 6:11-CV-00622-LED) (“RGB PIC”).
- 1023 Preliminary Infringement Contentions, Exhibit B, *ROY-G-BIV Corp., v. ABB, Ltd. et al.* (E.D.Tex., Sept. 14, 2012) (CASE NO. 6:11-CV-00622-

- LED) (“RGB PIC, Ex. B”).
- 1024 U.S. Patent No. 6,516,236, Appendix A.
- 1025 Excerpt of RGB Design Document - 3.2 Project Evolution With Compumotor Influence.
- 1026 RGB’s April 26, 2013 Letter Brief to the District Court re Indefiniteness Dkt #150-1.
- 1027 RGB Corporation’s Opening Markman Brief, ROY-G-BIV Corp., v. ABB, Ltd. et al. (E.D.Tex., Apr. 26, 2013) (CASE NO. 6:11-CV-00622-LED) (“RGB Opening Markman Brief”).
- 1028 Defendants’ Joint Claim Construction Brief, ROY-G-BIV Corp., v. ABB, Ltd. et al. (E.D.Tex., May 10, 2013) (CASE NO. 6:11-CV-00622-LED) (“Defs. JCCB”).
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- 1030 Claim Construction Memorandum Opinion and Order, ROY-G-BIV Corp., v. ABB, Ltd. et al. (E.D.Tex., July 25, 2013) (CASE NO. 6:11-CV-00622-LED) (“Markman Memorandum Order”).
- 1031 Affidavit of Steven M. Auvil In Support Of Motion for Admission *Pro Hac Vice*.

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(Use of common exhibit numbers across Trial Nos. IPR2013-00062, -063, -074 was authorized in a conference call on October 8, 2013).

- 1100 Gertz, Matt, *Chimera 3.2 FAQ*, October 14, 1994.
- 1101 Stewart, David B., *The Chimera Methodology: Designing Dynamically Reconfigurable Real-Time Software using Port-Based Objects*, October 1994.

- 1102 Stewart, David B., *CHIMERA II: A Real-Time UNIX-Compatible Multiprocessor Operating System for Sensor-based Control Applications*, September 1989.
- 1103 Stewart, David B., *Chimera 3.2, The Real-Time Operating System for Reconfigurable Sensor-Based Control Systems*, February 8, 1995.
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- 1113 [Protective Order Material] David Brown, Weekly Status Report, 4-17-1995 to 4-21-1995.
- 1114 [Protective Order Material] David Brown, Weekly Status Report, 4-10-1995 to 4-14-1995.
- 1115 [Protective Order Material] David Brown, Weekly Status Report, 11-21-1994 to 11-25-1994.
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