

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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ORACLE CORPORATION,  
NETAPP INC. and  
HUAWEI TECHNOLOGIES CO., LTD.

Petitioners,

v.

CROSSROADS SYSTEMS, INC.

Patent Owner.

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Case IPR2014-01207

U.S. Patent No. 7,051,147

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**PETITIONERS' UPDATED EXHIBIT LIST**

### EXHIBIT LIST

- 1001 U.S. Patent No. 7,051,147 (“the ‘147 Patent”)
- 1002 Select Portions of File History of the ‘147 Patent
- 1003 CRD-5500 SCSI RAID Controller User’s Manual (“CRD-5500 User Manual”)
- 1004 CRD-5500 SCSI RAID Controller Data Sheet (“CRD-5500 Data Sheet”)
- 1005 Smith *et al.*, *Tachyon: A Gigabit Fibre Channel Protocol Chip*, Hewlett-Packard Journal, October 1996 (“Smith”)
- 1006 U.S. Patent No. 6,219,771 to Kikuchi *et al.* (“Kikuchi”)
- 1007 U.S. Patent No. 6,073,209 to Bergsten (“Bergsten”)
- 1008 (***SUBSTITUTE***) JP Patent Application Publication No. Hei 5[1993]-181609 to Hirai (“Hirai”)
- 1009 Infringement contentions in *Crossroads Systems, Inc. v. Oracle Corporation*, W.D. Tex. Case No. 1-13-cv-00895, *Crossroads Systems, Inc. v. Huawei Technologies Co. Ltd. et al.*, W.D. Tex. Case No. 1-13-cv-01025, and *Crossroads Systems, Inc. v. NetApp, Inc.*, W.D. Tex. Case No. 1-14-cv-00149
- 1010 Declaration of Professor Chase, Professor of Computer Science at Duke University
- 1011 *Cheating the I/O Bottleneck: Network Storage with Trapeze/Myrinet*
- 1012 Interposed Request Routing for Scalable Network Storage
- 1013 Cut-Through Delivery in Trapeze: An Exercise in Low-Latency Messaging
- 1014 Structure and Performance of the Direct Access File System

- 1015 Implementing Cooperative Prefetching and Caching in a Globally-Managed Memory System
- 1016 Network I/O with Trapeze
- 1017 A Cost-Effective, High-Bandwidth Storage Architecture
- 1018 RAID-II: A High-Bandwidth Network File Server
- 1019 Payload Caching: High-Speed Data Forwarding for Network Intermediaries
- 1020 Petal: Distributed Virtual Disks
- 1021 File Server Scaling with Network-Attached Secure Disks
- 1022 Failure-Atomic File Access in an Interposed Network Storage System
- 1023 U.S. Patent No. 6,308,228 to Yocum *et al.* ("Yocum")
- 1024 Select Portions of File History of Reexamination Control No. 90/007,123 (U.S. Patent No. 5,941,972)
- 1025 Select Portions of the File History of Reexamination Control No. 90/007,124 (U.S. Patent No. 6,421,753)
- 1026 Plaintiff Crossroads Systems, Inc.'s Objections and Responses to Defendants' First Set of Common Interrogatories in *Crossroads Systems, Inc. v. Oracle Corporation*, W.D. Tex. Case No. 1-13-cv-00895, *Crossroads Systems, Inc. v. Huawei Technologies Co. Ltd. et al.*, W.D. Tex. Case No. 1-13-cv-01025, and *Crossroads Systems, Inc. v. NetApp, Inc.*, W.D. Tex. Case No. 1-14-cv-00149
- 1027 *Storagepath Fibre Channel Drive System*, SWS/Storagepath, available at [web.archive.org/web/19970114010450/http://www.storagepath.com/fibre.htm](http://web.archive.org/web/19970114010450/http://www.storagepath.com/fibre.htm), archived January 14, 1997

- 1028 *Technology Brief Strategic Direction for Compaq Fibre Channel-Attached Storage*, Compaq Computer Corporation, October 14, 1997
- 1029 *Tantawy (ed.), Fibre Channel (Ch. 5) of High Performance Networks*, Kluwer Academic Publishers, 1994
- 1030 *Deel et al., Moving Uncompressed Video Faster Than Real Time*, Society of Motion Picture and Television Engineers, Inc., December 1996
- 1031 *Emulex LightPulse Fibre Channel PCI Host Adapter*, Emulex Corporation, available at [web.archive.org/web/19980213052222/http://www.emulex.com/fc/lightpulse2.htm](http://www.emulex.com/fc/lightpulse2.htm), archived February 13, 1998
- 1032 Select Portions of File History of Reexamination Control Nos. 90/007,125 and 90/007,317 (U.S. Patent No. 6,425,035)
- 1033 Local Area Networks Newsletter, Vol. 15, No. 2, Information Gatekeepers Inc., February 1997
- 1034 Litigation Complaint in *Crossroads Systems, Inc. v. Oracle Corporation*, W.D. Tex. Case No. 1-13-cv-00895
- 1035 Litigation Complaint in *Crossroads Systems, Inc. v. Huawei Technologies Co. Ltd. et al.*, W.D. Tex. Case No. 1-13-cv-01025
- 1036 Litigation Complaint in *Crossroads Systems, Inc. v. NetApp, Inc.*, W.D. Tex. Case No. 1-14-cv-00149
- 1037 Declaration of Monica S. Ullagaddi authenticating Ex. 1004, Ex. 1027 and Ex. 1031
- 1038 HP journal online – Home (<http://www.hpl.hp.com/hpjournal/journal.html>) (Served Only, Exhibit Not Filed)

- 1039 Hewlett-Packard Journal, Volume 47, No. 5, October, 1996 (Served Only, Exhibit Not Filed)
- 1040 Transcript of April 24, 2015 Conference Call with Board
- 1041 – 1216 Reserved
- 1217 Transcript of July 16, 2015 Conference Call with Board (**Parties and Board Only**)
- 1218 Transcript of July 15, 2015 Deposition of John Levy, Ph.D. (**Parties and Board Only**)
- 1219 Transcript of July 16, 2015 Deposition of John Levy, Ph.D. (**Parties and Board Only**)
- 1220 Transcript of July 14, 2015 Deposition of John Rob Middleton (**Parties and Board Only**)
- 1221 Transcript of July 8, 2015 Deposition of Brian Bianchi (**Parties and Board Only**)
- 1222 Transcript of July 9, 2015 Deposition of Brian Bianchi (**Parties and Board Only**)
- 1223 Transcript of July 7, 2015 Deposition of Jennifer Ray Crane (**Parties and Board Only**)
- 1224 Infringement Contentions in *Crossroads Systems, Inc. v. Postvision, Inc. et al.*, W.D. Tex. Case No. 1:09-CV-00879-SS
- 1225 Exhibit B to Infringement Contentions in *Crossroads Systems, Inc. v. Postvision, Inc. et al.*, W.D. Tex. Case No. 1:09-CV-00879-SS

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