

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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NETAPP INC.

Petitioner,

v.

CROSSROADS SYSTEMS, INC.

Patent Owner.

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Case IPR2015-00773

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

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**PETITIONER'S 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 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://web.archive.org/web/19980213052222/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. 6,425,147)
- 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
- 1147 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 Transcript of April 24, 2015 Conference Call with Board

**CERTIFICATE OF SERVICE**

Pursuant to 37 C.F.R. § 42.6(e), the undersigned certifies service of PETITIONER'S UPDATED EXHIBIT LIST on the counsel of record for the Patent Owner by filing this document through the Patent Review Processing System as well as delivering a copy via electronic mail to the following address:

Steven Sprinkle  
John Adair  
SPRINKLE IP LAW GROUP  
[crossroadsipr@sprinklelaw.com](mailto:crossroadsipr@sprinklelaw.com)

Russell Wong  
James H. Hall  
Wong, Cabello, Lutsch, Rutherford & Brucculeri, LLP  
[CrossroadsIPR@counselip.com](mailto:CrossroadsIPR@counselip.com)

Dated: May 6, 2015

/Greg H. Gardella/  
Greg H. Gardella  
Reg. No. 46,045