## UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD Oracle Corporation, NetApp Inc. and Huawei Technologies Co., Ltd., Petitioners, V. Crossroads Systems, Inc. Patent Owner. IPR2014-U.S. Patent No. 7,051,147

#### PETITION FOR INTER PARTES REVIEW

CROSSROADS EXHIBIT 2130
NetApp Inc. v. Crossroads Systems, Inc.
IPR2015-00776

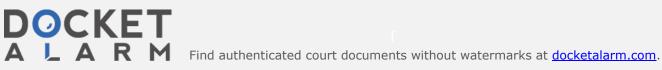


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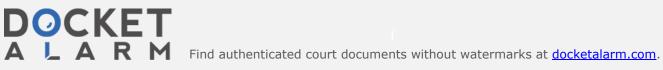


### **EXHIBIT LIST**

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 <i>Crossroads Systems, Inc. v. Oracle Corporation</i> , W.D. Tex. Case No. 1-13-cv-00895, <i>Crossroads Systems, Inc. v. Huawei Technologies Co. Ltd. et al.</i> , W.D. Tex. Case No. 1-13-cv-01025, and <i>Crossroads Systems, Inc. v. NetApp, Inc.</i> , 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 <i>Crossroads Systems, Inc. v. Oracle Corporation</i> , W.D. Tex. Case No. 1-13-cv-00895, <i>Crossroads Systems, Inc. v. Huawei Technologies Co. Ltd. et al.</i> , W.D. Tex. Case No. 1-13-cv-01025, and <i>Crossroads Systems, Inc. v. NetApp, Inc.</i> , 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, archived January 14, 1997
1028	Technology Brief Strategic Direction for Compaq Fibre Channel- Attached Storage, Compaq Computer Corporation, October 14, 1997



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