

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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IPR2014-01177

U.S. Patent No. 7,934,041

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**CORRECTED**

**PETITION FOR *INTER PARTES* REVIEW**

**CROSSROADS EXHIBIT 2142**  
**Oracle Corp. v. Crossroads Systems, Inc.**  
**IPR2015-0**

## TABLE OF CONTENTS

EXHIBIT LIST .....	iv
I. INTRODUCTION .....	1
II. MANDATORY NOTICES .....	3
A. Real Party-In-Interest .....	3
B. Related Matters .....	3
C. Lead and Back-Up Counsel .....	4
D. Service Information .....	4
III. PAYMENT OF FEES .....	4
IV. REQUIREMENTS FOR <i>INTER PARTES</i> REVIEW .....	4
A. Grounds for Standing .....	5
B. Identification of Challenge .....	5
1. The Specific Art and Statutory Ground(s) on Which the Challenge Is Based .....	5
2. How the Construed Claims Are Unpatentable Under the Statutory Grounds Identified in 37 C.F.R. § 42.204(b)(2) and Supporting Evidence Relied Upon to Support the Challenge .....	6
V. THE '041 PATENT .....	6
A. The Preferred Embodiment of the '041 Patent .....	6
B. Reexamination of the Grandparent of the '041 Patent .....	8
VI. BROADEST REASONABLE CONSTRUCTION .....	10
VII. GROUNDS OF UNPATENTABILITY .....	12
A. Claims 1-53 are Rendered Obvious by 35 U.S.C. § 103(a) by <i>CRD-5500         User Manual</i> in view of <i>CRD-5500 Data Sheet</i> and <i>Smith</i> .....	13
1. Introduction of the CRD-5500 References .....	13
2. Introduction of the <i>Smith</i> Reference .....	16
3. The Combined System of <i>CRD-5500 User Manual</i> , <i>CRD-5500 Data Sheet</i> and <i>Smith</i> .....	17
4. Correspondence Between Claims 1-53 and the Combined System of <i>CRD-            5500 User Manual</i> , <i>CRD-5500 Data Sheet</i> and <i>Smith</i> .....	19
B. Claims 1-53 Are Rendered Obvious by <i>Kikuchi</i> taken in Combination with <i>Bergsten</i> .....	29

1.	Introduction of the <i>Kikuchi</i> Reference .....	29
2.	Introduction of the <i>Bergsten</i> Reference .....	30
3.	The Combined System of <i>Kikuchi</i> and <i>Bergsten</i> .....	33
4.	Correspondence Between Claims 1-53 and the Combined System of <i>Kikuchi</i> and <i>Bergsten</i> .....	35
C.	Claims 1-53 Are Rendered Obvious by <i>Bergsten</i> taken in Combination with <i>Hirai</i> .....	45
1.	Introduction of the <i>Hirai</i> Reference .....	45
2.	The Combined System of <i>Bergsten</i> and <i>Hirai</i> .....	46
3.	Correspondence Between Claims 1-53 and the Combined System of <i>Bergsten</i> and <i>Hirai</i> .....	49
VIII.	EXPLANATION OF NON-REDUNDANCY .....	58
IX.	CONCLUSION .....	60

## EXHIBIT LIST

- 1001 U.S. Patent No. 7,934,041 (“the ‘041 Patent”)
- 1002 Select Portions of File History of the ‘04 Patent
- 1003 CRD-4400 SCSI RAID Controller User’s Manual (“CRD-5500 User Manual”)
- 1004 (***SUBSTITUTE***) CRD-4400 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 (***SUBSTITUTE***) 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 **(SUBSTITUTE)** *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

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