# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re *Inter Partes Review* of:<br>U.S. Patent No. 6,757,717<br><br>Issued:  June 29, 2004<br><br>Applicant:  Leonid Goldstein<br><br>Application No. 09/398,007<br><br>Filed:  September 16, 1999<br><br>Title:  System And Method For Data<br>       Access<br><br>Currently in Litigation Styled:<br>*Proxyconn Inc. v. Microsoft Corporation, et al.*, Central District of California, Case No. SA CV11-1681 DOC (ANx) [Consolidated With Case Nos. SA CV11-1682 DOC (ANx), SA CV11-1683 DOC (ANx), and SA CV11-1684 DOC (ANx)] | )<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>) |

**Declaration of Professor Darrell D. E. Long**
**Regarding U.S. Patent No. 6,757,717**

## I.     QUALIFICATIONS

I am a Professor of Computer Science and have served as Associate

Dean for Research and Graduate Studies in the Jack Baskin School of

Engineering at the University of California at Santa Cruz. I hold the Kumar

Malavalli Endowed Chair of Storage Systems Research and I am the Director

1   of the Storage Systems Research Center, an internationally recognized center

2   of excellence in data storage. I am also the Director of the Working-group on

3   Applied Security and Privacy (WASP), the laboratory at the University of

4   California at Santa Cruz that studies computer security. I teach graduate and

5   undergraduate courses in computer security, operating systems, data storage

6   and have taught courses in networking and distributed systems. I received my

7   B.S. degree in Computer Science from San Diego State University, and my

8   M.S. and Ph.D. from the University of California, San Diego. I am a Fellow

9   of the Institute of Electrical and Electronics Engineers and of the American

10   Association for the Advancement of Science. My research interests include

11   data storage systems, operating systems, computer security, distributed

12   systems and networking. My qualifications are further described in my

13   appended Curriculum Vitae.

14        I have published numerous papers including in the ACM Transactions

15   on Storage, and various IEEE journals, and I am the co-author of two books.

16   These publications are listed in Exhibit A. I am the founder of the premier

17   conference in the data storage field known as the Symposium on File Storage

18   Technologies ("FAST"). I have participated in organizing numerous

19   academic conferences including:

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1    2012:

2         Steering Committee:  Petascale Data Storage Workshop (PDSW),

3    Symposium on Modeling, Analysis and Simulation of Computer and

4    Telecommunication Systems (MASCOTS), Symposium on File and Storage

5    Systems Technology (FAST).

6         Program Committee:  Symposium on File and Storage Systems

7    Technology (FAST).

8    2011:

9         Steering Committee:  Petascale Data Storage Workshop (PDSW),

10   Symposium on Modeling, Analysis and Simulation of Computer and

11   Telecommunication Systems (MASCOTS), Symposium on File and Storage

12   Systems Technology (FAST).

13        Program Committee:  Symposium on Modeling, Analysis and

14   Simulation of Computer and Telecommunication Systems (MASCOTS).

15   2010:

16        Program Chair:  Symposium on Modeling, Analysis and Simulation of

17   Computer and Telecommunication Systems (MASCOTS).

18        Steering Committee:  Petascale Data Storage Workshop (PDSW),

19   Symposium on Modeling, Analysis and Simulation of Computer and

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1  Telecommunication Systems (MASCOTS), Symposium on File and Storage

2  Systems Technology (FAST).

3      2009:

4      Program Committee:  International Workshop on Software Support for

5  Portable Storage (IWSSPS), Inaugural International Conference on

6  Virtualization and Cloud Computing, Symposium on Modeling, Analysis and

7  Simulation of Computer and Telecommunication Systems (MASCOTS),

8  Petascale Data Storage Workshop (PDSW).

9      Program Chair:  Web Information Systems Engineering (WISE).

10      General Chair:  Symposium on Applications and the Internet (SAINT).

11      Steering Committee:  Symposium on Modeling, Analysis and

12  Simulation of Computer and Telecommunication Systems (MASCOTS),

13  Symposium on File and Storage Systems Technology (FAST).

14      I have also consulted for industry in the area of storage systems

15  including for Hewlett-Packard Laboratories and IBM. I have also been a

16  consultant to numerous government agencies.

17  **II.    COMPENSATION**

18      I am being compensated by counsel for Microsoft at my compensation

19  rate of $500/hour for consulting and $600/hour for testimony in deposition or

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trial, plus reimbursement for reasonably incurred expenses. I have no interest

in the outcome of the related litigation or this proceeding.

### III. SUMMARY OF MY STUDY AND CONCLUSIONS

I have read U.S. Patent No. 6,757,717.  The patent concerns

technology within my areas of expertise.  I have considered the patent's

disclosures from the perspective of a person of ordinary skill in the art in

1998-99.

I have studied the following references and considered them from the

perspective of the person of ordinary skill in the art in 1998-99.

Perlman:  Radia J. Perlman et al., U.S. Patent No. 5,742,820,

"Mechanism for Efficiently Synchronizing Information Over a Network,"

issued Apr. 21, 1998 ("'820" or "Perlman").

Yohe:  Thomas Patrick Yohe et al., U.S. Patent No. 5,835,943,

"Apparatus and Method for Increased Data Access in a Network File

Oriented Caching System," issued Nov. 10, 1998 on an application filed July

3, 1997 ("'943" or "Yohe").

Santos:  Jonathan Santos et al., "USENIX, Increasing Effective Link

Bandwidth by Suppressing Replicated Date," Proceedings of the USENIX

Annual Technical Conference (NO 98) New Orleans, Louisiana, June 1998

("Santos").

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