

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent of: Chang Kwon, et al.  
U.S. Patent No.: 8,063,674 Attorney Docket No.: 39521-0053IP1  
Issue Date: November 22, 2011  
Appl. Serial No.: 12/365,559  
Filing Date: February 4, 2009  
Title: MULTIPLE SUPPLY-VOLTAGE POWER-UP/DOWN  
DETECTORS

**Mail Stop Patent Board**

Patent Trial and Appeal Board  
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**Declaration of Jacob Robert Munford**

1. My name is Jacob Robert Munford. I am over the age of 18, have personal knowledge of the facts set forth herein, and am competent to testify to the same.

2. I earned a Master of Library and Information Science (MLIS) from the University of Wisconsin-Milwaukee in 2009. I have over ten years of experience in the library/information science field. Beginning in 2004, I have served in various positions in the public library sector including Assistant Librarian, Youth Services Librarian and Library Director. I have attached my Curriculum Vitae as Appendix A.

3. During my career in the library profession, I have been responsible for materials acquisition for multiple libraries. In that position, I have cataloged, purchased and processed incoming library works. That includes purchasing materials directly from vendors, recording publishing data from the material in question, creating detailed material records for library catalogs and physically preparing that material for circulation. In addition to my experience in acquisitions, I was also responsible for analyzing large collections of library materials, tailoring library records for optimal catalog search performance and creating lending agreements between libraries during my time as a Library Director.

4. I am fully familiar with the catalog record creation process in the library sector. In preparing a material for public availability, a library catalog

record describing that material would be created. These records are typically written in Machine Readable Catalog (herein referred to as MARC) code and contain information such as a physical description of the material, metadata from the material's publisher and date of library acquisition. In particular, the 008 field of the MARC record is reserved for denoting the creation of the library record itself. As this typically occurs during the process of preparing materials for public access, it is my experience that an item's MARC record accurately indicates the date of an item's public availability.

5. I have reviewed Exhibit 1007, an article by Jun Cheol Park and Vincent J. Mooney III entitled "Sleepy Stack Leakage Reduction" from the Institute of Electrical and Electronics Engineers (IEEE) publication *IEEE Transactions on Very Large Scale Integration (VLSI) Systems*.

6. Attached hereto as Appendix NA01 is a true and correct copy of "Sleepy Stack Leakage Reduction" from the Central Michigan University library. I secured this article from *IEEE Transactions on Very Large Scale Integration (VLSI) Systems Vol. 14 Issue 11* (Nov. 2006) in the Central Michigan University's digital library of journal and periodicals. In comparing Appendix PA01 to Exhibit 1007, it is my determination that Exhibit 1007 is a true and correct copy of the article by Jun Cheol Park and Vincent J. Mooney III entitled "Sleepy Stack

Leakage Reduction” in the *IEEE Transactions on Very Large Scale Integration (VLSI) Systems*.

7. Attached hereto as Appendix NA02 is a true and correct copy of the MARC record for *IEEE Transactions on Very Large Scale Integration (VLSI) Systems* from the Central Michigan University library. I secured this record from the library’s online catalog.

8. Attached hereto as Appendix NA03 is a true and correct copy of Central Michigan University’s holdings for *IEEE Transactions on Very Large Scale Integration (VLSI) Systems*. I secured this holdings list from Central Michigan University’s *IEEE Xplore Digital Library*. As this collection’s scope includes volumes of the *IEEE Transactions on Very Large Scale Integration (VLSI) Systems* from 1966 to the present via access to IEEE’s digital archives, it is my determination that *IEEE Transactions on Very Large Scale Integration (VLSI) Systems Vol. 14 Issue 11* containing “Sleepy Stack Leakage Reduction” is included within the scope of the Central Michigan University’s collection.

9. Attached hereto as Appendix NA04 is a true and correct copy of email correspondence between myself and the IEEE Support Center. As this journal’s MARC record from CMU does not track the acquisition date of particular issues, I contacted the IEEE to determine when the initial journal issue was published and whether or not that release date differed from the journal issue’s inclusion into the

*IEEE Xplore Digital Library*. According to the IEEE, *IEEE Transactions on Very Large Scale Integration (VLSI) Systems Vol. 14 Issue 11* was first published as of December 4, 2006 and the digital edition of this journal was integrated into the *IEEE Xplore Digital Library* before the formal release as of November 27, 2006.

10. In my discussions with Central Michigan University digital librarians I was informed that any updates made to *IEEE Xplore Digital Library* by the IEEE are automatically reflected overnight in the university's holdings/digital records. As such, the release dates given in Appendix NA04 provide an accurate indication as to when *IEEE Transactions on Very Large Scale Integration (VLSI) Systems Vol. 14 Issue 11* was first made available to the public via the Central Michigan University library.

11. The 008 field of *IEEE Transactions on Very Large Scale Integration (VLSI) Systems*' MARC record included in Appendix NA02 indicates that this journal has been held in perpetuity by the Central Michigan University library since July 19, 2000 via access to the *IEEE Xplore Digital Library*.

12. The release dates provided via the IEEE itself included within Appendix NA04 provide a more specific date of November 27, 2006 as to when the IEEE Xplore Digital Library would have updated with the issue of *IEEE Transactions on Very Large Scale Integration (VLSI) Systems* containing "Sleepy Stack Leakage Reduction". Based on this information, it is my determination that

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