

DECLARATION OF JUNE ANN MUNFORD

1. My name is June Ann 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 CV.

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 date of 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 indicates the date of an item’s public availability.

5. Typically, in creating a MARC record, a librarian would gather various bits of metadata such as book title, publisher and subject headings among others and assign each value to a relevant numerical field. For example, a book’s physical description is tracked in field 300 while title/attribution is tracked in field 245. The 008 field of the MARC record is reserved for denoting the creation of the library record itself. As this is the only date reflecting the inclusion of said materials within the library’s collection, it is my experience

that an item's 008 field accurately indicates the date of an item's public availability.

6. I have reviewed Exhibit APPLE-1021, "Controller for Driving a Piezoelectric Actuator at Resonance" by Jack Aldrich, et. al as published in *NASA Tech Briefs*, April 2008.
7. Attached hereto as Appendix ALDRICH01 is a true and correct copy of the MARC record for a digital edition of *NASA Tech Briefs* as held by the Penn State University library. I secured this record myself from the library's public catalog. The MARC record contained within Appendix ALDRICH01 accurately describes the title, author, publisher, and ISSN number of *NASA Tech Briefs*. The 'Journal Details' field on page 2 indicates this collection contains the April 2008 edition of *NASA Tech Briefs* containing "Controller for Driving a Piezoelectric Actuator at Resonance".
8. Attached hereto as Appendix ALDRICH02 is a true and correct copy of "Controller for Driving a Piezoelectric Actuator at Resonance" as published in *NASA Tech Briefs* as held by the Penn State University library. I secured this PDF copy myself from the library's digital collection. In comparing Exhibit APPLE-1021 to Appendix ALDRICH02, it is my determination that

Exhibit APPLE-1021 is a true and correct copy of “Controller for Driving a Piezoelectric Actuator at Resonance” by Jack Aldrich, et. al as published in *NASA Tech Briefs* April 2008.

9. The 008 field of the MARC record in Appendix ALDRICH01 indicates the date of record creation. The 008 field of Appendix ALDRICH01 indicates the Penn State University library first acquired this journal as of December 9, 1999 and holds the journal in perpetuity. Considering this information, it is my determination that the digital edition of *NASA Tech Briefs* April 2008 and therefore “Controller for Driving a Piezoelectric Actuator at Resonance” was made available to the public shortly after its initial release in April 2008.

10. Attached hereto as Appendix ALDRICH03 is a true and correct copy of the MARC record for the physical edition of *NASA Tech Briefs* as held by the Penn State University library. I secured this record myself from the library’s public catalog. The MARC record contained within Appendix ALDRICH03 accurately describes the title, author, publisher, and ISSN number of *NASA Tech Briefs*. The ‘Availability’ field on page 3 indicates this collection contains the April 2008 edition of *NASA Tech Briefs* containing “Controller for Driving a Piezoelectric Actuator at Resonance”.

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