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 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. This declaration is being drafted as of November 2020. Public and university libraries in my area have been closed for months due to the COVID-19 pandemic. My state, Pennsylvania, has a travel advisory, which has affected my ability to travel. In my experience, library catalog records are accurate descriptions of a library's collection and my lack of physical access to libraries at this time creates no doubt in my determinations of authenticity or availability of the exhibits noted below.

6. I have reviewed Exhibit 1004, an article entitled "Improving Selection Performance on Pen-Based Systems: A Study of Pen-Based Interaction for Selection Tasks" by Xiangshi Ren and Shinji Moriya as published in *ACM Transactions on Computer Human Interaction,* Vol. 3 No. 3 (2000).

7. Attached hereto as Appendix REN01 is a true and correct copy of the MARC record describing *ACM Transactions on Computer Human Interaction* as held by the Carnegie-Mellon University's library. I secured this record myself from the library's online catalog. This MARC record accurately describes this journal's title, publisher and ISSN. The 008 field of this MARC record indicates the journal *ACM Transactions on Computer Human Interaction* was first cataloged by Carnegie-Mellon University's library as of May 17, 1994. The location items field on page 1 of this record indicates the library's collection spans from Vol. – Vol. 12, included the Vol. 3 No. 3 edition containing "Improving Selection Performance on Pen-Based Systems: A Study of Pen-Based Interaction for Selection Tasks".

8. In comparing Exhibit 1004 to this MARC record, it is my determination that Exhibit 1004 is a true and correct copy of "Improving Selection Performance on Pen-Based Systems: A Study of Pen-Based Interaction for Selection

Tasks" from *ACM Transactions on Computer Human Interaction,* Vol. 3 No. 3. Considering that Carnegie-Mellon University's record indicates the library began collecting this journal on May 17, 1994 and appended subsequent volumes to this record since 2005, it is my determination that *ACM Transactions on Computer Human Interaction* and therefore "Improving Selection Performance on Pen-Based Systems: A Study of Pen-Based Interaction for Selection Tasks" was made available and accessible to the public by shortly after initial release in September 2000.

9. I have reviewed Exhibit 1012, an article entitled "A New Era for High Precision Touchscreen" by Andrew Sears, Catherine Plaisant and Ben Shneiderman as published in *Advances in Human-Computer Interaction Vol. 3.*

10. Attached hereto as Appendix SEARS01 is a true and correct copy of the MARC record describing *Advances in Human-Computer Interaction Vol. 3* as held by the Linda Hall Library. I secured this record myself from the library's online catalog. This MARC record accurately describes this book's title, publisher and ISBN. The 008 field of this MARC record indicates *Advances in Human-Computer Interaction Vol. 3* was first cataloged by the Linda Hall Library as of February 1, 1995.

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