

DECLARATION OF JUNE ANN MUNFORD

CONTENTS

I.	INTRODUCTION	1
II.	QUALIFICATIONS	2
III.	BACKGROUND INFORMATION	3
IV.	SUMMARY OF OPINIONS	7
A.	HARRISON	7
B.	GOYAL	25
V.	CONCLUSION AND ACKNOWLEDGEMENT	36

I, June Ann Munford, declare as follows.

I. INTRODUCTION

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 have been retained by counsel for Petitioner Fifth Third Bank, National Association (“Fifth Third” or “Petitioner”) to provide assistance in evaluating the authenticity and public accessibility of documents discussed in this Declaration for proceedings before the United States Patent and Trademark Office. I understand that my Declaration will be submitted in the following *Inter Partes* Review Proceeding:

Challenged Patent	Patent Owner	Case No.
U.S. Pat. No. 12,632,899	United Services Automobile Association (USAA)	IPR2026-00488

3. I am being compensated for my time at a rate of \$200/hour plus reasonable business expenses. My compensation is not contingent on the outcome of this matter or the specifics of my testimony. My testimony in this Declaration is based on the information cited in this Declaration and my experience in library science for nearly twenty years.

II. QUALIFICATIONS

4. I earned a Master of Library and Information Science (MLIS) from the University of Wisconsin-Milwaukee in 2009. I have nearly twenty 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**.

5. During my career in the library profession, I have been responsible for materials acquisition for multiple libraries including the Dowagiac District Library in Dowagiac, Michigan; the Anchorage Public Library in Anchorage, Alaska; and the Hart Area Public Library in Hart, Michigan. These libraries relied on me and my expertise in the library services to catalog, purchase, and process incoming library works correctly and efficiently. These responsibilities included 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.

6. In addition to my experience in acquisitions, during my time as a Library Director for the Dowagiac District Library, 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. As

part of my analysis of large collections, I audited library collections, including Machine Readable Cataloging (herein referred to as “MARC”) records, gathered usage statistics for various works, and evaluated MARC record fields to ensure completeness and accuracy. Similarly, in my work as a researcher, I have examined thousands of MARC records authored by others. I am therefore familiar with and experienced in interpreting these records to make determinations based on the data contained within these records.

III. BACKGROUND INFORMATION

7. I have extensive experience 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 MARC code and contain information such as a physical description of the material, metadata from the material’s publisher, and date of library acquisition. MARC records are vital to the function of a library’s services, as they facilitate the library staffs’ and patrons’ ability to search, explore, and secure materials within that library’s collection. Libraries or similar institutions that rely upon MARC records dedicate significant resources to ensure that the records are accurate and sufficiently descriptive. Librarians and patrons alike therefore routinely rely on their accuracy and completeness. 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.

8. 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.

9. During the relevant time period, which I understand to be 2005-2010, MARC records and other digital library cataloging systems were typically indexed to facilitate searches. This indexing is necessary for both providing patron services and maintaining library records. Indexing is generally done using cataloging software, which creates searchable fields for data like the title and author of a work. Using searchable fields allows a librarian, for example, to ensure that the library does not duplicate works, which is an essential function for libraries.

10. Cataloging practices for librarians depend on the format of the material being cataloged. For instance, a one-time publication such as a textbook is cataloged as a "monograph," and only that specific edition of the book is described in the

MARC record. Time-sensitive materials such as magazines, academic journals, and newspapers are cataloged as periodicals, with the MARC record describing the publication as a whole, rather than each individual issue. New issues of these periodicals do not receive their own MARC records, and are instead added to the inventory of the publication's existing MARC record. This ensures timely access to new issues as soon as possible after publication by minimizing the effort required to catalog the material.

11. For periodicals, the 008 field of the MARC record indicates date of first record creation at that particular library for the periodical. All subsequent issues are added to that same record and are often indicated in an individual holdings field that lists all issues held by the library. For example, a MARC record for an academic journal listing January 2000 in the 008 field indicates that the library first began housing the journal in January 2000. A separate item record for the same record might indicate that the library holds issues of the periodical, for example from the January 2000 issue through to the January 2022 issue. This would indicate that the library began subscribing to the periodical beginning with the January 2000 issue, and that the library continued to receive and hold subsequent issues until January 2022. Even if the subscription ceased, the presence of the record would indicate continuous accessibility to the public for all held issues indicated in the item record.

This can be confirmed by, for example, obtaining the copy of the periodical associated with one of the holdings in the record.

12. Based on my experience, a library should make issues of periodicals available to the public within at least six months of the issue's date. This allows more than enough time to receive, catalog, and shelve the issue. It would only be under exceptional circumstances that a periodical issue is not shelved within six months.

13. I am also familiar with various digital and online practices relating to publications of periodicals, such as academic journals. For example, many academic journals have posted issues or individual articles online for public access as early as the late 1990s.

14. I am familiar with the Internet Archive, a digital library accessible to the general public. Among other services that the Internet Archive makes available to the general public is the Wayback Machine, an online archive of the web. The Internet Archive's Wayback Machine service archives webpages as of a certain capture date to track changes in the web over time. The Internet Archive has been in operation as a nonprofit library since 1996 and has hosted the Wayback Machine service since its inception in 2001. During my time as a librarian, I frequently used the Internet Archive's Wayback Machine for research and instruction purposes. This includes teaching instructional classes on using the Wayback Machine to library patrons and using the Wayback Machine to research reference inquiries that require

hard-to-find online resources. I consider the Internet Archive's recordskeeping to be as rigorous and detailed as other formal library recordskeeping practices such as MARC records, OCLC records and Dublin Core.

IV. SUMMARY OF OPINIONS

15. Based on my review of the documents cited in this Declaration and those included in Exhibits 1005 and 1008, it is my opinion that the following references are authentic and were publicly accessible on the dates identified below.

Prior Art Reference	Date Publicly Accessible	Addressed In
Selected Chapters from Richard Harrison and Mark Shackman et al., <i>Symbian OS C++ for Mobile Phones</i> , vol. 3 (2007)	Soon after November 7, 2006 and by August 31, 2007	IV.A
Pro Java ME MMAPi: Mobile Media API for Java Micro Edition by Vikram Goyal	Soon after June 14, 2006 and by January 25, 2007	IV.B

A. HARRISON

Authentication of the Harrison Reference

16. I have reviewed Exhibit 1005, Symbian OS C++ for Mobile Phones, Volume 3 by Richard Harrison.

17. Attached hereto as Appendix HARRISON01 is a true and correct copy of the front matter and selected chapter title pages and excerpts of Symbian OS C++

for Mobile Phones, Volume 3 as held by Penn State University Library. I secured these scans myself from the library's collection. In comparing Exhibit 1005 to Appendix HARRISON01, it is my determination that Exhibit 1005 is a true and correct copy of Symbian OS C++ for Mobile Phones, Volume 3 by Richard Harrison.

Availability of the Harrison Reference

18. Attached hereto as Appendix HARRISON02 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by the Library of Congress. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON02 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416'; field 100 describes the author as 'Richard Harrison'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 260 describes the publisher as 'Wiley' and fields 650 describe the subject of the book as 'cell phone systems,' 'C++', and 'operating systems'.

19. The 008 field of the MARC record in Appendix HARRISON02 indicates the date of record creation. The 008 field of Appendix HARRISON02 indicates the Library of Congress acquired the first volume of Symbian OS C++ for

Mobile Phones as of March 17, 2003. The 020, 500, 955 and Availability & Locations field indicates the third volume of Symbian OS C++ for Mobile Phones was later appended to this record. The 955 field, typically reserved for notes, includes the following passage: '2007-10-31 opened and added v. 3'. This date accords with the August 20, 2007 date visible in the stamp applied to the publication data page of the Library of Congress's copy of Harrison in Exhibit 1005. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via the Library of Congress shortly after its initial addition to this record as of October 31, 2007.

20. Attached hereto as Appendix HARRISON03 is a true and correct copy of the MARC record for Symbian OS C++, Mobile Phones, Volume 3 as held by the Penn State University Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON03 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416'; field 100 describes the author as 'Richard Harrison'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 264 describes the publisher as 'Wiley' and fields 650 describe the subject of the book as 'cell phone systems', 'operating systems', and 'C++'.

21. The 008 field of the MARC record in Appendix HARRISON03 indicates the date of record creation. The 008 field of Appendix HARRISON03 indicates the Penn State University Library first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of November 7, 2006. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via Penn State University Library shortly after its initial acquisition as of November 7, 2006.

22. Attached hereto as Appendix HARRISON04 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by the Toronto Metropolitan University Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON04 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416', field 100 describes the author as 'Richard Harrison'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 260 describes the publisher as 'Wiley'; and fields 650 describe the subject of the book as 'cell phone systems', 'operating systems,' and 'C++'.

23. The 008 field of the MARC record in Appendix HARRISON04 indicates the date of record creation. The 008 field of Appendix HARRISON04

indicates the Toronto Metropolitan University Library first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of November 7, 2006. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via Toronto Metropolitan University Library shortly after its initial acquisition as of November 7, 2006.

24. Attached hereto as Appendix HARRISON05 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by the North Carolina State University Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON05 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416'; field 100 describes the author as 'Richard Harrison'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 264 describes the publisher as 'Wiley'; and fields 650 describe the subject of the book as 'cell phone systems', 'operating systems', and 'C++'.

25. The 008 field of the MARC record in Appendix HARRISON05 indicates the date of record creation. The 008 field of Appendix HARRISON05 indicates the North Carolina State University Library first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of November 7, 2006. Considering this

information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via North Carolina State University Library shortly after its initial acquisition as of November 7, 2006.

26. Attached hereto as Appendix HARRISON06 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by the Queen's University Belfast Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON06 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '0470066415'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; and field 260 describes the publisher as 'Wiley'.

27. The 008 field of the MARC record in Appendix HARRISON06 indicates the date of record creation. The 008 field of Appendix HARRISON06 indicates the Queen's University Belfast Library first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of November 2, 2006. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via Queen's University Belfast Library shortly after its initial acquisition as of November 2, 2006.

28. Attached hereto as Appendix HARRISON07 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by the National Library of Scotland. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON07 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416'; field 100 describes the author as 'Richard Harrison'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 260 describes the publisher as 'Wiley'; and fields 650 describe the subject of the book as 'cell phone systems', 'operating systems', and 'C++'.

29. The 008 field of the MARC record in Appendix HARRISON07 indicates the date of record creation. The 008 field of Appendix HARRISON07 indicates the National Library of Scotland first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of November 7, 2006. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via National Library of Scotland shortly after its initial acquisition as of November 7, 2006.

30. Attached hereto as Appendix HARRISON08 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by

the Cambridge University Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON08 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416'; field 100 describes the author as 'Richard Harrison'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 260 describes the publisher as 'Wiley'; and fields 650 describe the subject of the book as 'cell phone systems', 'operating systems', and 'C++'.

31. The 008 field of the MARC record in Appendix HARRISON08 indicates the date of record creation. The 008 field of Appendix HARRISON08 indicates the Cambridge University Library first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of November 7, 2006. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via Cambridge University Library shortly after its initial acquisition as of November 7, 2006.

32. Attached hereto as Appendix HARRISON09 is a true and correct copy of the MARC record for Symbian OS C++ for Mobile Phones, Volume 3 as held by the University of Waikato Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's

collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix HARRISON09 accurately describes the bibliographic details of Symbian OS C++ for Mobile Phones, Volume 3: field 020 describes the ISBN as '9780470066416'; field 245 describes the title as 'Symbian OS C++ for Mobile Phones'; field 260 describes the publisher as 'Wiley'; and fields 650 describe the subject of the book as 'cellular telephone systems', 'operating systems', and 'C++'.

33. The 008 field of the MARC record in Appendix HARRISON09 indicates the date of record creation. The 008 field of Appendix HARRISON09 indicates the University of Waikato Library first acquired Symbian OS C++ for Mobile Phones, Volume 3 as of July 24, 2007. Considering this information, it is my determination that Symbian OS C++ for Mobile Phones, Volume 3 was made available to the public via University of Waikato Library shortly after its initial acquisition as of July 24, 2007.

34. Appendix HARRISON10 is an Internet Archive capture of a web page entitled Symbian OS C++ for Mobile Phones, Volume 3 as hosted on the Symbian Developer Network website at http://developer.symbian.com/main/learning/press/books/scmp_v3/index.jsp. I secured these screen captures myself at <https://web.archive.org/web/20070703215621/http://developer.symbian.com/main/>

learning/press/books/scmp_v3/index.jsp. This record was captured as of July 3, 2007. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

35. Appendix HARRISON10 is a capture of the Symbian online storefront entry for Symbian OS C++ for Mobile Phones, Volume 3. This page contains links to purchase individual copies of the book from Amazon and Wiley, as well as a link to make a bulk order of Symbian OS C++ for Mobile Phones, Volume 3. This page also includes an abstract describing the book, bibliographic information that is consistent with the MARC records presented in this declaration and links to review the table of contents, a sample chapter and the source code of this book.

36. Appendix HARRISON11 is an Internet Archive capture of a web page entitled Symbian OS C++ for Mobile Phones, Volume 3 - Table of Contents as hosted on the Symbian Developer Network website at http://developer.symbian.com/main/learning/press/books/scmp_v3/toc.jsp. I secured these screen captures myself from https://web.archive.org/web/20071023075854/http://developer.symbian.com/main/learning/press/books/scmp_v3/toc.jsp. This record was captured as of October 23, 2007. Experts like myself rely on this type of record from the Internet Archive to

review time-limited digital resources and research web resources that may no longer be available from other sources.

37. Appendix HARRISON11 is a capture of the Symbian online storefront table of contents for Symbian OS C++ for Mobile Phones, Volume 3. In comparing the table of contents presented in Appendix HARRISON11 to Exhibit 1005, it is my determination Appendix HARRISON11 contains an accurate description of the table of contents for Symbian OS C++ for Mobile Phones, Volume 3.

38. Attached hereto as Appendix HARRISON12 is a screen capture of the Internet Archive Wayback Machine entry for http://developer.symbian.com/main/learning/press/books/scmp_v3/c12.pdf. I secured these screen captures myself from https://web.archive.org/web/20071023075829/http://developer.symbian.com/main/learning/press/books/scmp_v3/c12.pdf. This record was captured as of October 23, 2007. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

39. Appendix HARRISON12 is a capture of the Symbian online storefront sample chapter for Symbian OS C++ for Mobile Phones, Volume 3. In comparing the sample chapter presented in Appendix HARRISON12 to Appendix

HARRISON01, it is my determination Appendix HARRISON12 contains an accurate extract of Symbian OS C++ for Mobile Phones, Volume 3.

40. Attached hereto as Appendix HARRISON13 is a screen capture of the Internet Archive Wayback Machine entry for <http://www.amazon.com/Symbian-OS-Mobile-Phones-Press/dp/0470066415>. I secured these screen captures myself from <https://web.archive.org/web/20071026144849/http://www.amazon.com/Symbian-OS-Mobile-Phones-Press/dp/0470066415>. This record was captured as of October 26, 2007. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

41. Appendix HARRISON13 is a capture of the Amazon online storefront entry for Symbian OS C++ for Mobile Phones, Volume 3. This page contains links to purchase a copy of the Harrison book from Amazon. This page also includes an abstract describing the book, bibliographic information that is consistent with the MARC records presented in this declaration and language indicating a copy of Symbian OS C++ for Mobile Phones, Volume 3 purchased as of October 26, 2007 could have arrived via post by October 29, 2007.

42. Attached hereto as Appendix HARRISON14 is a screen capture of the Internet Archive Wayback Machine entry for

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470066415.html>. I secured these screen captures myself from <https://web.archive.org/web/20070831041448/http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470066415.html>. This record was captured as of August 31, 2007.

43. Appendix HARRISON14 is a capture of the Wiley online storefront entry for Symbian OS C++ for Mobile Phones, Volume 3. This page contains links to purchase individual copies of the book from Wiley, as well as a link to purchase an e-book edition of Symbian OS C++ for Mobile Phones, Volume 3. This page also includes an abstract describing the book, bibliographic information that is consistent with the MARC records presented in this declaration and links to review the table of contents, a sample chapter and the index of this book.

44. Attached hereto as Appendix HARRISON15 is a screen capture of the Internet Archive Wayback Machine entry for <http://wiley.com/WileyCDA/WileyTitle/productCd-0470066415,descCd-tableOfContents.html>. I secured these screen captures myself from <https://web.archive.org/web/20071020033432/http://wiley.com/WileyCDA/WileyTitle/productCd-0470066415,descCd-tableOfContents.html>. This record was captured as of October 20, 2007.

45. Appendix HARRISON15 is a capture of the Wiley online storefront table of contents for Symbian OS C++ for Mobile Phones, Volume 3. In comparing the table of contents presented in Appendix HARRISON15 to Exhibit 1005, it is my determination Appendix HARRISON15 contains an accurate description of the table of contents for Symbian OS C++ for Mobile Phones, Volume 3.

46. Attached hereto as Appendix HARRISON16 is a screen capture of the Internet Archive Wayback Machine entry for http://media.wiley.com/product_data/excerpt/15/04700664/0470066415-1.pdf. I secured these screen captures myself from https://web.archive.org/web/20080905091606/http://media.wiley.com/product_data/excerpt/15/04700664/0470066415-1.pdf. This record was captured as of September 5, 2008.

47. Appendix HARRISON16 is a capture of the Wiley online storefront table of contents for Symbian OS C++ for Mobile Phones, Volume 3. In comparing the table of contents presented in Appendix HARRISON16 to Exhibit 1005, it is my determination Appendix HARRISON16 contains an accurate description of the table of contents for Symbian OS C++ for Mobile Phones, Volume 3.

48. Attached hereto as Appendix HARRISON17 is a screen capture of a webpage entitled A Generic Software Template to Support Learning on Mobile Devices by Andreas Böhme as hosted on the Technical University of Vienna

website. None of the authors associated with this publication are credited with authoring Symbian OS C++ for Mobile Phones, Volume 3. I secured these screen captures myself from <https://repositum.tuwien.at/handle/20.500.12708/10841?mode=full>.

49. Appendix HARRISON17 captures a thesis presented to the Technical University of Vienna and the thesis repository metadata record associated with this thesis. The ‘dc.date.submitted’ field visible on page 1 of Appendix HARRISON17 indicates this thesis was submitted as of December 2007. The thesis’s bibliography contains a citation to Symbian OS C++ for Mobile Phones, Volume 3, indicating the Harrison book was consulted by Andreas Böhme prior to December 2007.

50. Attached hereto as Appendix HARRISON18 is a screen capture of a webpage entitled Mobile Challenges for Embedded Computer Vision by Sek Chai as published in Embedded Computer Vision as hosted on the SpringerLink website. None of the authors associated with this publication are credited with authoring Symbian OS C++ for Mobile Phones, Volume 3. I secured these screen captures myself from <https://link.springer.com/book/10.1007/978-1-84800-304-0>.

51. Appendix HARRISON18 captures the SpringerLink web page records associated with an article published in a book entitled Embedded Computer Vision. The ‘Published’ fields visible on page 5 of Appendix HARRISON18 indicates this article was first published as of September 2008. The “References” list contains a

citation to Harrison, Symbian OS C++ for Mobile Phones, Volume 3 (Reference #23), indicating the Harrison book was consulted by Sek Chai prior to September 2008.

52. Attached hereto as Appendix HARRISON19 is a screen capture of a webpage entitled UIQ Application That Utilizes the Touchscreen by Tuomas Liimatainen as hosted on the Tampere University of Applied Sciences Theseus website. None of the authors associated with this publication are credited with authoring Symbian OS C++ for Mobile Phones, Volume 3. I secured these screen captures myself from <https://www.theseus.fi/handle/10024/10201?show=full>.

53. Appendix HARRISON19 captures a thesis presented to the Tampere University of Applied Sciences and the thesis repository metadata record associated with this thesis. The bibliographic data on page 5 of Appendix HARRISON19 indicates this thesis was submitted as of May 2009. The page marked 43(44) contains a citation to Symbian OS C++ for Mobile Phones, Volume 3, indicating the Harrison book was consulted by Tuomas Liimatainen prior to May 2009.

54. Attached hereto as Appendix HARRISON20 is a screen capture of a webpage entitled Enhanced Integration of Java to Symbian OS Using Smart Pointers by Raine Mäkeläinen, Cristiano Di Flora and Tommi Mikkonen as published in the Proceedings of the 6th International Workshop on Java Technologies for Real-Time and Embedded Systems as hosted on the ACM Digital Library website. None of the

authors associated with this publication are credited with authoring Symbian OS C++ for Mobile Phones, Volume 3. I secured these screen captures myself from <https://dl.acm.org/doi/10.1145/1434790.1434797>.

55. Appendix HARRISON20 captures an article published in the conference proceedings for the 6th International Workshop on Java Technologies for Real-Time and Embedded Systems and the ACM Digital Library web page records associated with this article and book. The 'Published' field visible on page 1 of Appendix HARRISON20 indicate this article was first published as of September 2008. The References section of HARRISON20, page numbered 47, contains a citation to Symbian OS C++ for Mobile Phones, Volume 3, indicating the Harrison book was consulted by Raine Mäkeläinen, et al prior to September 2008.

56. Attached hereto as Appendix HARRISON21 is a screen capture of a webpage entitled Introduction to Bluetooth Communication on Mobile Devices by Morten V. Pedersen and Frank H.P. Fitzek, et al as published in Mobile Peer to Peer Guide as hosted on the Wiley Online Library website. None of the authors associated with this publication are credited with authoring Symbian OS C++ for Mobile Phones, Volume 3. I secured these screen captures myself from <https://onlinelibrary.wiley.com/doi/abs/10.1002/9780470747889.ch4>.

57. Appendix HARRISON21 describes an article published in a book entitled Mobile Peer to Peer (P2P): A Tutorial Guide and the Wiley web page records

associated with this article and book. The 'First published' field visible on page 1 of Appendix HARRISON21 indicates this article was first published as of June 2009. Page 1 contains a citation to Symbian OS C++ for Mobile Phones, Volume 3, indicating the Harrison book was consulted by Morten V. Pedersen, et al prior to June 2009.

58. Attached hereto as Appendix HARRISON22 is a screen capture of a webpage entitled Symbian Forensics: An Overview by Antonio Savoldi and Paolo Gubian as published in Proceedings of the 2008 International Conference on Intelligent Information Hiding and Multimedia Signal Processing as hosted on the IEEE Xplore website. None of the authors associated with this publication are credited with authoring Symbian OS C++ for Mobile Phones, Volume 3. I secured these screen captures myself from <https://ieeexplore.ieee.org/document/4604113/references#references>.

59. Appendix HARRISON22 captures an article published in the conference proceedings for the 2008 International Conference on Intelligent Information Hiding and Multimedia Signal Processing and the IEEE Xplore web page records associated with this article and book. The 'Date Added to IEEE XPlore' field visible on page 1 of Appendix HARRISON22 indicates this article was first published as of August 2008. The references section on the page numbered 533

contains a citation to Symbian OS C++ for Mobile Phones, Volume 3, indicating the Harrison book was consulted by Antonio Savoldi, et al prior to August 2008.

60. In conclusion, it is my determination Symbian OS C++ for Mobile Phones, Volume 3 by Richard Harrison was first made available to the public soon after November 7, 2006 and remained continuously available to the public from that date forward. Appendices HARRISON02 – 09 indicates Symbian OS C++ for Mobile Phones, Volume 3 was indexed within publicly-available library collections as soon as November 2006. Appendices HARRISON10, HARRISON13 and HARRISON14 indicate Symbian OS C++ for Mobile Phones, Volume 3 was available for purchase certainly no later than August 31, 2007. Appendices HARRISON11, HARRISON12, HARRISON15 and HARRISON16 indicate visitors to these storefronts would be able to review significant excerpts of Symbian OS C++ for Mobile Phones, Volume 3 prior to purchasing the material. Appendices HARRISON17 – HARRISON22 indicate Symbian OS C++ for Mobile Phones, Volume 3 was frequently cited soon after publication and cited in works published by widely known and distributed publishers such as the IEEE and ACM.

B. GOYAL

Authentication of the Goyal Reference

61. Attached hereto as Appendix GOYAL01 is a true and correct copy of Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as held by the

University of Texas at Austin Library. These scans were secured from the library's collection. In comparing Exhibit 1008 to Appendix GOYAL01, it is my determination that Exhibit 1008 is a true and correct copy of Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition by Vikram Goyal.

Availability of the Goyal Reference

62. Attached hereto as Appendix GOYAL02 is a true and correct copy of the MARC record for Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as held by the University of Texas at Austin Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix GOYAL02 accurately describes the bibliographic details of Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition: field 020 describes the ISBN as '1590596390'; field 035 describes the OCLC number as '70111508'; field 100 describes the author as 'Vikram Goyal'; field 245 describes the title as 'Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition'; field 260 describes the publisher as Apress / Springer; and fields 650 describe the subject of the book as 'Java' and 'Wireless Communication Systems'.

63. The 008 field of the MARC record in Appendix GOYAL02 indicates the date of record creation. The 008 field of Appendix GOYAL02 indicates the

University of Texas at Austin acquired Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as of June 14, 2006. Considering this information, it is my determination that Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition was made available to the public via the University of Texas at Austin shortly after its initial acquisition as of June 14, 2006.

64. Attached hereto as Appendix GOYAL03 is a true and correct copy of the MARC record for Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as held by the University of Michigan Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix GOYAL03 accurately describes the bibliographic details of Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition: field 020 describes the ISBN as '1590596390'; field 035 describes the OCLC number as '70111508'; field 100 describes the author as 'Vikram Goyal'; field 245 describes the title as 'Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition'; field 260 describes the publisher as Apress / Springer; and fields 650 describe the subject of the book as 'Java' and 'Wireless Communication Systems'.

65. The 008 field of the MARC record in Appendix GOYAL03 indicates the date of record creation. The 008 field of Appendix GOYAL03 indicates the

University of Michigan Library acquired Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as of June 14, 2006. Considering this information, it is my determination that Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition was made available to the public via the University of Michigan Library shortly after its initial acquisition as of June 14, 2006.

66. Attached hereto as Appendix GOYAL04 is a true and correct copy of the MARC record for Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as held by the Illinois University Library. Experts like myself rely on this type of record from libraries to validate printed publications and perform searches of the library's collections. I secured this record myself from the library's public catalog. The MARC record contained within Appendix GOYAL04 accurately describes the bibliographic details of Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition: field 020 describes the ISBN as '1590596390'; field 035 describes the OCLC number as '70111508'; field 100 describes the author as 'Vikram Goyal'; field 245 describes the title as 'Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition'; field 260 describes the publisher as Apress / Springer; and fields 650 describe the subject of the book as 'Java,' 'Wireless Communication Systems', and 'Mobile Computing'.

67. The 008 field of the MARC record in Appendix GOYAL04 indicates the date of record creation. The 008 field of Appendix GOYAL04 indicates the

Illinois University Library acquired Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition as of June 14, 2006. Considering this information, it is my determination that Pro JAVA ME MMAPi: Mobile Media API for Java Micro Edition was made available to the public via the Illinois University Library shortly after its initial acquisition as of June 14, 2006.

68. Attached hereto as Appendix GOYAL05 is a screen capture of the Internet Archive Wayback Machine entry for <http://apress.com/book/bookDisplay.html?bID=10101>. I secured these screen captures myself from <https://web.archive.org/web/20060615192208/http://apress.com/book/bookDisplay.html?bID=10101>. This record was captured as of June 15, 2006. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

69. Appendix GOYAL05 is an Internet Archive capture of a web page entitled Pro Java ME MMAPi: Mobile Media API for Java Micro Edition as hosted on the Apress website. This page contains links to purchase individual copies of the book from Apress in physical and e-book format. This page also includes an abstract describing the book, bibliographic information that is consistent with the MARC

records presented in this declaration and links to review the table of contents, a sample chapter and the source code of this book.

70. Attached hereto as Appendix GOYAL06 is a screen capture of the Internet Archive Wayback Machine entry for <http://www.apress.com/ecommerce/cart.html?act=add&bid=10101>. I secured these screen captures myself from <https://web.archive.org/web/20070417180748/http://www.apress.com/ecommerce/cart.html?act=add&bid=10101>. This record was captured as of April 17, 2007. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

71. Appendix GOYAL06 is an Internet Archive capture of a web page entitled Shopping Cart as hosted on the Apress website. This page is a capture of a shopping cart typical of online commerce, with this cart including an e-book copy of Pro Java ME MMAPi: Mobile Media API for Java Micro Edition. Page 2 contains the following passage: ‘Currently we use Paypal exclusively to process online credit card payments’, indicating users of the Apress website are able to purchase materials directly from the online store at the time of capture. The ‘Proceed to Checkout’ button present on page 2 indicates the Goyal book could be purchased via the Apress e-commerce platform as of April 17, 2007.

72. Attached hereto as Appendix GOYAL07 is a screen capture of the Internet Archive Wayback Machine entry for <http://www.apress.com/ApressCorporate/supplement/1/10101/1590596390-3483.pdf>. I secured these screen captures myself from <https://web.archive.org/web/20061021185410/http://www.apress.com/ApressCorporate/supplement/1/10101/1590596390-3483.pdf>. This record was captured as of October 21, 2006. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

73. Appendix GOYAL07 is an Internet Archive capture of a file entitled Media Player Lifecycle and Events as hosted on the Apress website. Appendix GOYAL07 is a capture of the Apress online storefront sample chapter for Pro Java ME MMAPi: Mobile Media API for Java Micro Edition. In comparing the sample chapter presented in Appendix GOYAL07 to Exhibit 1008 it is my determination Appendix GOYAL07 contains an accurate extract of Pro Java ME MMAPi: Mobile Media API for Java Micro Edition.

74. Attached hereto as Appendix GOYAL08 is a screen capture of the Internet Archive Wayback Machine entry for <http://www.mmapibook.com/about.htm>. I secured these screen captures myself from <https://web.archive.org/web/20061016041552/http://www.mmapibook.com/about>.

htm. This record was captured as of October 16, 2006. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

75. Appendix GOYAL08 is an Internet Archive capture of a file entitled About the Book as hosted on the Pro Mobile Media API (MMAPI) website. Appendix GOYAL08 is a capture of Goyal's personal website for Pro Java ME MMAPI: Mobile Media API for Java Micro Edition. In comparing the table of contents presented in Appendix GOYAL08 to Exhibit 1008 it is my determination Appendix GOYAL08 contains an accurate description of the table of contents for Pro Java ME MMAPI: Mobile Media API for Java Micro Edition.

76. Attached hereto as Appendix GOYAL09 is a screen capture of the Internet Archive Wayback Machine entry for <http://www.amazon.com/Pro-Java-ME-MMAPI-Mobile/dp/1590596390>. I secured these screen captures myself from <https://web.archive.org/web/20070125135057/http://www.amazon.com/Pro-Java-ME-MMAPI-Mobile/dp/1590596390>. This record was captured as of January 25, 2007. Experts like myself rely on this type of record from the Internet Archive to review time-limited digital resources and research web resources that may no longer be available from other sources.

77. Appendix GOYAL09 is a capture of the Amazon online storefront entry for Pro Java ME MMAPI: Mobile Media API for Java Micro Edition. This

page contains links to purchase a copy of the Goyal book from Amazon. This page also includes an abstract describing the book, bibliographic information that is consistent with the MARC records presented in this declaration and language indicating a copy of Pro Java ME MMAPi: Mobile Media API for Java Micro Edition purchased as of January 25, 2007 could have arrived via post by January 26, 2007.

78. Attached hereto as Appendix GOYAL10 is a capture of the Google Scholar record for Pro Java ME MMAPi: Mobile Media API for Java Micro Edition by Vikram Goyal. I secured this screen capture myself from https://scholar.google.com/scholar?start=10&hl=en&as_sdt=5,39&sciodt=0,39&as_ylo=2007&as_yhi=2008&cites=17868657413186586685&scipsc=. Google Scholar contains a list of citations that experts like myself would rely upon to discover related works. Appendix GOYAL10 contains 12 citations to the Goyal book from 2007 – 2008, indicating authors of academic works consulted the Goyal book during the creation process.

79. Attached hereto as Appendix GOYAL11 is a paper entitled “Light Protocol and Buffer Management for Automatically Recovering Streaming Session in WiFi Mobile Telephones” by Alvaro Suarez, Elsa Macias, Javier Martin, Yeray Guterrez and Miguel Gil as published in Proceedings of the 2008 Second International Conference on Mobile Ubiquitous Computing, Systems, Services and

Technologies. None of the authors associated with this publication are credited with authoring Pro Java ME MMAPi: Mobile Media API for Java Micro Edition. I secured this paper myself from the IEEE website at <https://ieeexplore.ieee.org/abstract/document/4641315/references#references>. The ‘Date Added to IEEE Xplore’ field present on page 1 of Appendix GOYAL11 indicates “Light Protocol and Buffer Management for Automatically Recovering Streaming Session in WiFi Mobile Telephones” was first made available to the public via IEEE Xplore as of October 10, 2008. Page 1 of Appendix GOYAL10 indicates “Light Protocol and Buffer Management for Automatically Recovering Streaming Session in WiFi Mobile Telephones” cites the Goyal book, which matches Page 3 of Appendix GOYAL11 indicating “Light Protocol and Buffer Management for Automatically Recovering Streaming Session in WiFi Mobile Telephones” cites the Goyal book. Pages 5 – 11 of Appendix GOYAL11 contains a true and correct copy of “Light Protocol and Buffer Management for Automatically Recovering Streaming Session in WiFi Mobile Telephones” and a citation to the Goyal book can be found on page 10 in the “References” section.

80. Attached hereto as Appendix GOYAL12 is a paper entitled “Distributed Mobile Traffic Monitoring System Based on Free and Open Source Software” by Velislava Spasova and Grisha Spasov as published in the proceedings of the 2009 International Conference on Computer Systems and Technologies. None

of the authors associated with this publication are credited with authoring Pro Java ME MMAPi: Mobile Media API for Java Micro Edition. I secured this paper myself from the ACM website at <https://dl.acm.org/doi/abs/10.1145/1731740.1731797>. The ‘Published’ field present on page 1 of Appendix GOYAL12 indicates “Distributed Mobile Traffic Monitoring System Based on Free and Open Source Software” was first made available to the public via ACM Library as of June 18, 2009. Page 1 of Appendix GOYAL12 indicates that “Distributed Mobile Traffic Monitoring System Based on Free and Open Source Software” cites the Goyal book. Pages 4 – 9 of Appendix GOYAL12 contains a true and correct copy of “Distributed Mobile Traffic Monitoring System Based on Free and Open Source Software” and a citation to the Goyal book can be found on page 8 in its “References” section.

81. In conclusion, it is my determination Pro Java ME MMAPi: Mobile Media API for Java Micro Edition by Vikram Goyal was first made available to the public as of June 2006 and remained continuously available to the public from that date forward. Appendices GOYAL02 – GOYAL04 indicate Pro Java ME MMAPi: Mobile Media API for Java Micro Edition was indexed within publicly-available library collections as soon as June 2006. Appendices GOYAL05, GOYAL06 and GOYAL09 indicate Pro Java ME MMAPi: Mobile Media API for Java Micro Edition was available for purchase no later than January 26, 2007. Appendices GOYAL07 and GOYAL08 indicate visitors to these storefronts would be able to

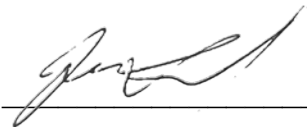
review significant excerpts of Pro Java ME MMAPi: Mobile Media API for Java Micro Edition prior to purchasing the material. Appendices GOYAL10 – GOYAL12 indicate Pro Java ME MMAPi: Mobile Media API for Java Micro Edition was frequently cited soon after publication and cited in works published by widely known and distributed publishers such as the IEEE and ACM.

V. CONCLUSION AND ACKNOWLEDGEMENT

82. I reserve the right to supplement my opinions in the future to respond to any arguments that Patentee raises and to take into account new information as it becomes accessible to me.

83. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001.

Dated: September 16, 2026



June Ann Munford

APPENDIX

CV

June A. Munford
Curriculum Vitae

Education

University of Wisconsin-Milwaukee - MS, Library & Information Science, 2009
Milwaukee, WI

- Coursework included cataloging, metadata, data analysis, library systems, management strategies and collection development.
- Specialized in library advocacy, cataloging and public administration.

Grand Valley State University - BA, English Language & Literature, 2008
Allendale, MI

- Coursework included linguistics, documentation and literary analysis.
- Minor in political science with a focus in local-level economics and government.

Professional Experience

Researcher / Expert Witness, October 2017 – present
Freelance ● Pittsburgh, Pennsylvania & Grand Rapids, Michigan

- Material authentication and public accessibility determination. Declarations of authenticity and/or public accessibility provided upon research completion. Experienced with appeals and deposition process.
- Research provided on topics of public library operations, material publication history, digital database services and legacy web resources.
- Past clients include Alston & Bird, Arnold & Porter, Baker Botts, Fish & Richardson, Erise IP, Irell & Manella, O'Melveny & Myers, Perkins-Coie, Pillsbury Winthrop Shaw Pittman and Slayden Grubert Beard.

Library Director, February 2013 - March 2015
Dowagiac District Library ● Dowagiac, Michigan

- Executive administrator of the Dowagiac District Library. Located in Southwest Michigan, this library has a service area of 13,000, an annual operating budget of over \$400,000 and total assets of approximately \$1,300,000.

- Developed careful budgeting guidelines to produce a 15% surplus during the 2013-2014 & 2014-2015 fiscal years while being audited.
- Using this budget surplus, oversaw significant library investments including the purchase of property for a future building site, demolition of existing buildings and building renovation projects on the current facility.
- Led the organization and digitization of the library's archival records.
- Served as the public representative for the library, developing business relationships with local school, museum and tribal government entities.
- Developed an objective-based analysis system for measuring library services - including a full collection analysis of the library's 50,000+ circulating items and their records.

November 2010 - January 2013

Librarian & Branch Manager, Anchorage Public Library ● Anchorage, Alaska

- Headed the 2013 Anchorage Reads community reading campaign including event planning, staging public performances and creating marketing materials for mass distribution.
- Co-led the social media department of the library's marketing team, drafting social media guidelines, creating original content and instituting long-term planning via content calendars.
- Developed business relationships with The Boys & Girls Club, Anchorage School District and the US Army to establish summer reading programs for children.

June 2004 - September 2005, September 2006 - October 2013

Library Assistant, Hart Area Public Library
Hart, MI

- Responsible for verifying imported MARC records and original MARC cataloging for the local-level collection as well as the Michigan Electronic Library.
- Handled OCLC Worldcat interlibrary loan requests & fulfillment via ongoing communication with lending libraries.

Professional Involvement

Alaska Library Association - Anchorage Chapter

- Treasurer, 2012

Library Of Michigan

- Level VII Certification, 2008
- Level II Certification, 2013

Michigan Library Association Annual Conference 2014

- New Directors Conference Panel Member

Southwest Michigan Library Cooperative

- Represented the Dowagiac District Library, 2013-2015

Professional Development

Library Of Michigan Beginning Workshop, May 2008

Petoskey, MI

- Received training in cataloging, local history, collection management, children's literacy and reference service.

Public Library Association Intensive Library Management Training, October 2011

Nashville, TN

- Attended a five-day workshop focused on strategic planning, staff management, statistical analysis, collections and cataloging theory.

Alaska Library Association Annual Conference 2012 - Fairbanks, February 2012

Fairbanks, AK

- Attended seminars on EBSCO advanced search methods, budgeting, cataloging, database usage and marketing.

Depositions

2019 • Fish & Richardson

Apple v. Qualcomm (Case No. IPR2018-001281, 39521-00421IP, IPR2018-01282 and 39521-00421IP2)

2019 • Erise IP

Implicit, LLC v. Netscout Systems, Inc (Case No. 2:18-cv-53-JRG)

2019 • Perkins-Coie

Adobe Inc. v. RAH Color Technologies LLC (Case No. IPR2019-00627, IPR2019-00628, IPR2019-00629 and IPR2019-00646)

2020 ● O'Melveny & Myers

Maxell, Ltd. v. Apple Inc. (Case No. 5:19-cv-00036-RWS)

2021 ● Pillsbury Winthrop Shaw Pittman LLP

Intel v. SRC (Case No. IPR2020-1449)

2022 ● Perkins-Coie

Realtek v. Future Link (Case No. IPR2021-01182)

2023 ● Fish & Richardson

Neuroderm Ltd. v. Abbvie, Inc (Case No. PGR2022-00040)

2023 ● Fish & Richardson

Nearmap US Inc. v. Pictometry International Corp. (Case No. IPR2022-00735)

2023 ● Fish & Richardson

Samsung Electronics v. MemoryWeb LLC (Case No. 39843-0136PS1)

2023 ● Pillsbury Winthrop Shaw Whitman LLP

Gravel Rating Systems v. Costco Wholesale Corp. (Case No. 4:21-cv-149-ALM)

2024 ● Willkie-Farr

Netflix, Inc. v. VideoLabs. Inc. (Case No. IPR2023-00628)

2024 ● Quinn Emanuel Urquhart & Sullivan

Purdue University v. Wolfsped (Case No. 1:21-CV-840)

2024 ● Fish & Richardson

Dish Network v. Entropic Communications (Case No. IPR2024-00393)

2025 ● Perkins Coie

Amazon.com, Inc. v. Nokia Technologies Oy (Case No. IPR2024-00572)

2025 ● Fish & Richardson

Dish Network v. Entropic Communications (Case No. IPR2024-00373)

2025 ● Fish & Richardson

SK Nexilis Co., Ltd. v. Solus Advanced Materials (Case No. 2:2023-cv-00539)

2025 ● Covington & Burling

Samsung v. Pictiva (Case No. IPR2024-01222)

2026 ● Fish & Richardson

Shenzhen & Bambu Labsv. Stratasy (Case No. 2:24-cv-00644-JRG)

2026 ● Wilmer, Cutler, Pickering, Hale and Dorr

Shopify v. Lower48 (Case No. 6:22-cv-00997-DAE)

Limited Case and Clientele History

Alston & Bird

- Ericsson

v. Collision Communications (Case No. IPR2022-01233)

- Nokia

v. Neptune Subsea, Xtera (Case No. 1:17-cv-01876)

- Universal Electronics Inc

v. Roku Inc (Case No. IPR2022-00818)

Alavi & Anaipakos PLLC

- Stingray Group Inc. and Stingray Music USA, Inc.
v. Edwin A. Hernandez-Mondragon and Egla Corp. (Case No. 1:24-cv-21226-RAR)

Arnold & Porter

- Ivantis
v. Glaukos (Case No. 8:18-cv-00620)
- Samsung
v. Jawbone (Case No. 2:21-cv-00186)

Benesch Friedlander Coplan & Aronoff

- Voyis
v. Cathx (Case No. 5:21-cv-00077-RWS)

Buchanan, Ingersoll & Rooney PC

- Google LLC, AT&T Service Inc., T Mobile USA Inc., Cellco Partnership, Ericsson Inc. & Nokia of America Corp.
v. KT Corp & Pegasus Wireless Innovation LLC (Case No. IPR2025-00293)
- Google LLC
v. K. Mizra LLC (Case No. 1:25-cv-00236)

Covington & Burling

- First Solar, Inc.
v. JinkoSolar (Case No. 25-cv-223)

- Samsung
v. Pictiva (Case No. IPR2024-01222)

Deschert LLP

- Smaxtec Animal Care
v. ST Reproductive Technologies, LLC (Case No. IPR2024-00885)

Duane Morris

- Kangxi Communication Technologies
v. Skyworks Solutions Inc. (Case No. IPR2025-00373)
- Microsoft
v. Edge Networking Systems LLC (Case No. 1:24-cv-00215)

Erise I.P.

- Apple
v. Ericsson Inc. (Case No. IPR2022-00715)
v. Future Link Systems (Case No. IPRs 6317804, 6622108, 6807505, and 7917680)
v. INVT (Case No. 20-1881)
v. Navblazer LLC (Case No. IPR2020-01253)
v. Qualcomm (Case No. IPR2018-001281, 39521-00421IP, IPR2018-01282, 39521-00421IP2)
v. Quest Nettech Corp (Case No. 2:19-cv-00118-JRG)

v. Telefonaktiebolaget LM Ericsson (Case No. IPR2022-00275)
v. Theta IP, LLC (Case No. IPR2024-00818)
v. THL Holding Company LLC (Case No. 1:23-cv-00548)

- CrowdStrike

v. Skysong Innovations (Case No. IPR2025-01398)

- Fanduel

v. CGT (Case No. 19-1393)

- Garmin

v. Phillips North America LLC (Case No. 2:19-cv-6301-AB-KS)

- Netscout

v. Longhorn HD LLC (Case No. 2:20-cv-00349)

v. Implicit, LLC (Case No. 2:18-cv-53-JRG)

- Sony Interactive Entertainment LLC

v. Bot M8 LLC (Case No. IPR2020-01288)

v. Infernal Technology LLC (Case No. 2:19-CV-00248-JRG)

- Tesla

v. Charge Fusion Technologies LLC (Case No. IPR2025-00032)

- Unified Patents

v. GE Video Compression (Case No. 2:19-cv-248)

- Apple
 - v. AliveCor (Case No. 3:21-cv-03958)
 - v. LBS Innovations (Case No. 2:19-cv-00119-JRG-RSP)
 - v. Koss Corporation (Case No. IPR2021-00305)
 - v. Masimo (Case No. IPR 50095-0012IP1, 50095-0012IP2, 50095-0013IP1, 50095-0013IP2, 50095-0006IP1, 50095-0135IP1)
 - v. Neonode (Case No. 21-cv-08872-EMC)
 - v. Qualcomm (Case No. IPR2018-001281, 39521-00421IP, IPR2018-01282, 39521-00421IP2)
 - v. Resonant Sys. (Case No. 7:23-cv-00077-ADA)
- AsusTek Computer Inc.
 - v. Videolabs, Inc. (Case No. 22-CV-00720-ADA)
- Dell
 - v. Neo Wireless (Case No. IPR2022-00616)
- Dish Network
 - v. Entropic Communications, LLC (Case No. 2:2023-CV-01043)
 - v. Entropic Communications LLC (Case No. IPR2024-00393)
 - v. Realtime Adaptive Streaming (Case No. 1:17-CV-02097-RBJ)
 - v. TQ Delta LLC (Case No. 18-1798)
- Evapco Dry Cooling
 - v. SPG Dry Cooling (Case No. IPR2021-00688)
- Generac
 - v. PSLC (Case No. 2:24-cv-01270)
- Genetec

- v. Sensormatic Electronics (Case No. 1:20-CV-00760)
- Huawei
 - v. Bell Northern Research LLC (Case No. IPR2019-01174)
- Kianxis
 - v. Blue Yonder (Case No. 3:20-cv-03636)
- LG Electronics
 - v. Bell Northern Research LLC (Case No. 3:18-cv-2864-CAB-BLM)
- MediaTek
 - v. MOSAID (Case No. IPR2024-00718)
- Metaswitch
 - v. Sonus Networks (Case No. IPR2018-01719)
- Microsoft
 - v. Throughputer Inc (Case No. IPR2022-00757)
- Mom Enterprises
 - v. Ddrops Company (Case No. 1:22-cv-00332)
- MLC Intellectual Property
 - v. MicronTech (Case No. 3:14-cv-03657-SI)
- Nearmap Inc
 - v. EagleView Technologies (Case No. IPR2022-01009)
- Neuroderm Ltd.
 - v. Abbvie, Inc (Case No. PGR2022-00040)

- Par-Kan
 - v. Unverferth (Case No. 3:23-cv-00653)
- Posco Co Ltd.
 - v. Pascal Drillet et al. (Case No. IPR2025-00370)
- Realtek Semiconductor
 - v. Future Link (Case No. IPR2021-01182)
- Quectel
 - v. Koninklijke Philips (Case No. 1:20-cv-01710)
- Samsung
 - v. Aire Technology (Case No. IPR2022-00877)
 - v. Bell Northern Research (Case No. 2:19-cv-00286-JRG)
 - v. Communication Technologies Inc (Case No. IPR2022-01221)
 - v. Jawbone Innovations (Case No. IPR2022-00865)
 - v. MemoryWeb LLC (Case No. IPR2022-00885)
 - v. Dodots Licensing Solutions (Case No. IPR2023-00701)
 - v. Telefonaktiebolaget LM Ericsson (Case No. IPR2021-00615)
- Tesla
 - v. Intellectual Ventures (Case No. 1:24-cv-00390, 6:24-cv-00188)
- Texas Instruments
 - v. ParkerVision (Case No. IPR2024-00934)
 - v. Vantage Micro LLC (Case No. IPR2020-01261)

- Xilinx

v. Sentient Sensors LCC (Case No. 1:22-cv-00173)

Goodwin Proctor

- Intel

v. Proxense, LLC (Case No. 6:24-cv-00283)

- Samsung Electronics

v. Mobile Data Technologies (Case No. 2:24-cv-00435)

- Taiwan Semiconductor Manufacturing Company Ltd.

v. Advanced Integrated Circuit Process LLC (Case No. 2:24-cv-00623)

Groombridge Wu

- Atossa

v. Jina & Intas Pharmaceuticals (Case No. PGR2025-00043)

- Nearmap

v. Eagle View Technologies Inc. and Pictometry International Corp. (Case No. 2:21-cv-00283-TS-DAO)

Holland & Knight

- Wilmington Trust, N.A.

v. Herman Segal & John Hancock Life Insurance Company of New York (Case No. 1:21-CV-01540-PKC-TAM)

Irell & Manella

- Curium

Latham & Watkins LLP

- Apple

v. Advanced Coding Research LLC

- Google

v. Advanced Coding Research (Case No. 2:24-cv-0035)

- Western Digital Technologies

MR Technologies GmbH (Case No. 8:24-cv-01848-JVS)

Leydig, Voit & Mayer, Ltd.

- Public Availability Consultancy

O'Melveny & Myers

- Apple

v. Maxell (Case No. 5:19-cv-00036-RWS)

- Disney Media & Entertainment Distribution LLC

v. Digital Media Technology Holdings, LLC (Case No. 2:22-cv-01642)

- Micron Technology Inc.
v. Besang Inc (Case No. IPR2023-00900)
- Samsung
v. Daedalus Prime LLC (1335 Investigation)

Perkins-Coie

- Amazon
v. Nokia (Case No. IPR2024-00847 and IPR2024-00848)
v. Nokia Technologies Oy (Case No. IPR2024-00572)
- Google LLC
v. Clear Imaging Research LLC (Case No. 202510451)
- Heru Industries
v. The UAB Research Foundation (Case No. IPR2022-01148)
- Intel Corporation
v. BeSang Inc. (Case No. IPR2023-00991)
v. BitMICRO (Case No. 5:23-cv-00625)
v. Telefonaktiebolaget L M Ericsson (Case No. IPR2024-00610)
- Microsoft
v. Sandpiper (Case No. 2:25-cv-00664)
- Niantic, Inc.
v. ImagineAR, Inc. (C.A. No. 24-1252-JD)

- Realtek Semiconductor

v. Future Link (Case No. IPR2021-01182)

- r-pac

v. Adasa, Inc. (Case No. 1:2024cv06102)

- Twitter Inc

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v. Costco (Case No. 4:21-cv-149)

v. Lowe's Home Centers (Case No. 4:21-cv-150)

v. T-Mobile USA (Case No. 4:21-cv-152)

v. Kohl's Inc. (Case No. 4:21-cv-258)

v. Under Armor (Case No. 4:21-cv-356)

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