DECLARATION OF JAMES L. MULLINS, PH.D.

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I, James L. Mullins, hereby declare under penalty of perjury:

I. INTRODUCTION

1. I have knowledge of the facts and opinions set forth in this declaration, I believe them to be true, and if called upon to do so, I would testify competently to them. I have been warned that willful false statements and the like are punishable by fine or imprisonment, or both.

2. I am a retired academic librarian working as the Founder and Owner of the firm Prior Art Documentation Librarian Services, LLC at 106 Berrow, Williamsburg, VA 23188. Attached as Appendix A is a true and correct copy of my Curriculum Vitae describing my background and experience. Further information about my firm, Prior Art Documentation Librarian Services, LLC (PADLS), is available at www.priorartdoclib.com.

3. I have been retained by Klarquist Sparkman, LLP to authenticate and establish the dates of public accessibility of certain documents for use in one or more inter partes review proceedings. For this service, I am being paid my usual hourly fee of $185/hour. My compensation in no way depends on the substance of my testimony or the outcome of the proceeding.

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II. BACKGROUND AND QUALIFICATIONS

4. Presently, I am the Dean of Libraries Emeritus and Esther Ellis Norton Professor Emeritus, Purdue University.

5. I was previously employed as follows:

- Dean of Libraries and Professor & Esther Ellis Norton Professor, Purdue University, West Lafayette, IN, 2004-2017.
- Assistant/Associate Director for Administration, Massachusetts Institute of Technology Libraries, Cambridge, MA, 2000-2004.
- University Librarian and Director, Falvey Memorial Library, Villanova University, Villanova, PA, 1996-2000
- Director of Library Services, Indiana University South Bend, South Bend, IN, 1978-1996. Part-time instructor, School of Library and Information Science, Indiana University, Bloomington, IN, 1979-1996.
- Associate Law Librarian, and associated titles, Indiana University School of Law, Bloomington, IN, 1974-1978
- Catalog Librarian, Assistant Professor, Georgia Southern College (now University), Statesboro, GA, 1973-1974.

6. Over the course of my career as a librarian, instructor of library science, author of scholarly publications, and presenter at national and

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