

DECLARATION OF BRIAN DURRANCE

Dear Sir or Mam:

I, Brian Durrance, being over the age of eighteen, hereby declare the following based on my personal knowledge:

1. I was employed in the circulation department of University of Michigan Library System (“the University Library”) from approximately 1983 until at least 1985. During this time my responsibilities and duties included: managing journal collections; working with technical processing, bindery, and circulation departments; and intaking, organizing and cataloging journals. During this time I also received on-the-job training in library science and particularly the University Library procedures.
2. Through my employment with the University Library, I became aware of the University Library’s hard copy cataloging system, call number system, and procedure for receiving and entering materials into the catalog. Generally, after a journal was received in the mail, it was stamped, indexed in the Library’s catalog, and shelved by the Library within a week’s time.
3. I have worked for AIC Services, a document search and delivery company, from the late 1980’s through the present day. I currently hold the title of General Manager for AIC Services. Throughout my time working for AIC Services, including the time period of the mid-to-late 1990’s, I have frequently visited libraries, including the University Library, to obtain reference materials.
4. Through work for AIC Services and my time obtaining reference materials from the University Library, I kept current my knowledge and understanding of the University Library’s hard copy cataloging system. I also became familiar with the University

Library's electronic cataloging system, including electronic searching options, call number system, and procedure for receiving and entering materials into the catalog. During my time working for AIC Services, I have observed that the University Library's hard copy cataloging system and electronic cataloging system each permit a user to conduct subject matter searches and are each accessible to the general public. I have also frequently observed reference materials that were shelved shortly after the date of the date stamp.

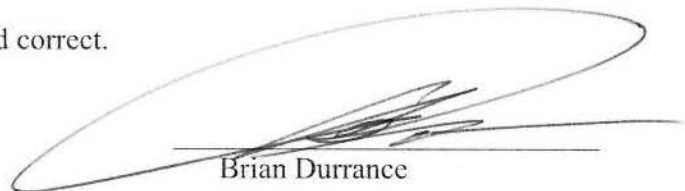
5. Attached as Exhibit 1 is a true and correct copy of excerpts of *IEEE Transactions on Antennas and Propagation*, April 1998, Volume 46, Number 4, ISSN 0018-926X ("the April 1998 Publication") that I obtained from the University of Michigan Media Union Library when I physically entered the University of Michigan Media Union Library, found the call number for the April 1998 Publication, and retrieved a hard copy the same from the University Library stacks. Exhibit 1 includes the cover page and the table of contents of the April 1998 Publication and an article from the April 1998 Publication entitled, *Study of Impedance and Radiation Properties of a Concentric Microstrip Triangular-Ring Antenna and Its Modeling Techniques Using FDTD Method*, Iti Saha Misra and S.K. Chowdhury ("*Misra I*"). Exhibit 1 is date-stamped April 16, 1998.
6. Attached as Exhibit 2 is a true and correct copy of excerpts of *Microwave and Optical Technology Letters*, February 5, 1996, Volume 11 / Number 2, ISSN 0895-2477 ("the February 1996 Publication") that I obtained from the University of Michigan Engineering Library when I physically entered the University of Michigan Engineering Library, found the call number for the February 1996 Publication, and retrieved a hard copy the same from the University Library stacks. Exhibit 2 includes the cover page and the table of

contents of the February 1996 Publication, date-stamped page 55 of the February 1996 Publication, and an article from the February 1996 Publication entitled *Experimental Investigations on the Impedance and Radiation Properties of a Three-Element Concentric Microstrip Square-Ring Antenna*, I. Saha Misra and S.K. Chowdhury (“*Misra II*”). Exhibit 2 is date-stamped January 26, 1996.

7. The publications attached as Exhibit 1 & 2 were searchable through the University Library’s hard copy catalog and online catalog. To the best of my knowledge, and based on the University Library’s ordinary procedures, the publications attached as Exhibit 1 & 2 were available to patrons for viewing and making copies within a week’s time after the publications’ respective date stamp.
8. To the best of my knowledge, and based on the University Library’s ordinary procedures, the publications attached as Exhibit 1 & 2 were each stored at the University Library in a condition that creates no suspicion about their authenticity and in a place where they would likely be, if authentic. For example, the publications attached as Exhibit 1 & 2 were each stored on shelves corresponding to their respective call numbers in a manner consistent with other publications of the same type and age.
9. I declare under penalty of perjury of the laws of the United States (18 U.S.C. § 1001) that

all statements made herein are true and correct.

7/31/18
Date


Brian Durrance