

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the *Inter Partes* Review of:

Trial Number: To Be Assigned

U.S. Patent No. 6,407,213

Filed: November 17, 1993

Issued: June 18, 2002

Inventor(s): Paul J. Carter, Leonard G. Presta

Assignee: Genentech, Inc.

Title: Method for making humanized antibodies    Panel: To Be Assigned

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Mail Stop *Inter Partes* Review  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION OF CHRISTOPHER LOWDEN**

I, Christopher Lowden, declare under penalty of perjury as follows:

**I. INTRODUCTION**

1. I am an Electronic Services Librarian at Kirkland & Ellis LLP.

2. I make this declaration in support of the petition for *inter partes* review of U.S. Patent No. 6,407,213 before the United States Patent and Trademark Office. I make this declaration of my own personal knowledge.

**II. QUALIFICATIONS**

3. I obtained a Masters in Library Science from the University of Pittsburgh in 1994. In connection with that degree, I took three courses in cataloging: a general cataloging course, and advanced courses in bibliographic description and subject analysis.

4. From 1995 to 1998, I worked as a cataloger at New York University Library. As part of my job duties at New York University, I created and maintained bibliographic records for books and electronic resources at the library. From 1998 to 2001, I was a research analyst for Goodrich & Sherwood. From 2002 to 2005, I worked as a research librarian at Wachtell, Lipton, Rosen & Katz, performing research for attorneys. From 2005 to 2012, I worked as a research librarian at Dewey & Leboeuf, performing research for attorneys.

5. From 2012 to today, I have been an Electronic Services Librarian at Kirkland & Ellis LLP, and I am currently employed by Kirkland & Ellis LLP. I manage the firm's commercial database and news subscriptions, and am personally involved in maintaining the catalog for the Kirkland & Ellis LLP library.

6. Through my education and experience described above, I have interacted with and become personally familiar with the Library of Congress and its cataloging records. The Library of Congress is a research library for the United States Congress. Based on my knowledge and experience, it is the national library of the United States and the most authoritative resource in the United States for library cataloging records. I have used and am familiar with the Library of Congress's online catalog, including through performing searches on the online catalog to find information about the availability of books and other references. The Library of Congress also maintains the United States Copyright Office catalog, which records the registration of copyrighted material.

### **III. EXHIBITS**

7. Exhibit 1525 is a true and correct copy of Cosimi *et al.*, *Treatment of Acute Renal Allograft Rejection with OKT3 Monoclonal Antibody*, 32(6) TRANSPLANTATION 535–39 (1981). Exhibit 1641 is a true and correct copy of the Library of Congress Copyright Record for Transplantation, a record which I obtained from the Library of Congress online catalog located at

<http://catalog.loc.gov> on March 12, 2017. In that record, the publication date of Volume 32, Number 6 is December 7, 1981.

8. Exhibit 1526 is a true and correct copy of Ortho Multicenter Transplant Study Group, *A Randomized Clinical Trial of OKT3 Monoclonal Antibody for Acute Rejection of Cadveric Renal Transplants*, 313(6) NEW ENG. J. MED. 337–42 (1985). Exhibit 1642 is a true and correct copy of the Library of Congress Copyright Record for The New England Journal of Medicine, a record which I obtained from the Library of Congress online catalog located at <http://catalog.loc.gov> on March 12, 2017. In that record, the publication date of Volume 313, Number 6 is August 8, 1985.

9. Exhibit 1527 is a true and correct copy of Jaffers *et al.*, *Monoclonal Antibody Therapy: Anti-Idiotypic and Non-Anti-Idiotypic Antibodies to OKT3 Arising Despite Intense Immunosuppression*, 41(5) TRANSPLANTATION 572–78 (1986). Exhibit 1643 is a true and correct copy of the Library of Congress Copyright Record for Transplantation, a record which I obtained from the Library of Congress online catalog located at <http://catalog.loc.gov> on March 12, 2017. In that record, the publication date of Volume 41, Number 5 is May 16, 1986.

10. Exhibit 1531 is a true and correct copy of Morrison *et al.*, *Chimeric Human Antibody Molecules: Mouse Antigen-Binding Domains with Human Constant Region Domains*, 81(21) PROC. NAT'L ACAD. SCI. USA 6851–55 (1984).

Exhibit 1644 is a true and correct copy of the Library of Congress Copyright Record for The Proceedings of the National Academy of Sciences of the U.S.A., a record which I obtained from the Library of Congress online catalog located at <http://catalog.loc.gov> on March 12, 2017. In that record, the publication date of Volume 81, Number 21 is November 13, 1984.

11. Exhibit 1532 is a true and correct copy of Liu et al., Liu *et al.*, *Chimeric Mouse-Human IgG1 Antibody That Can Mediate Lysis of Cancer Cells*, 84(10) PROC. NAT'L ACAD. SCI. USA 3439– 43 (1987). Exhibit 1645 is a true and correct copy of the Library of Congress Copyright Record for The Proceedings of the National Academy of Sciences of the U.S.A., a record which I obtained from the Library of Congress online catalog located at <http://catalog.loc.gov> on March 12, 2017. In that record, the publication date of Volume 84, Number 10 is May 15, 1987.

12. Exhibit 1533 is a true and correct copy of Jones *et al.*, *Replacing The Complementarity-Determining Regions In a Human Antibody with Those From a Mouse*, 321(6069) NATURE 522– 25 (1986). Exhibit 1646 is a true and correct copy of the Library of Congress Copyright Record for Nature, a record which I obtained from the Library of Congress online catalog located at <http://catalog.loc.gov> on March 12, 2017. In that record, the publication date of Volume 321, Number 6069 is May 29, 1986.

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