

Declaration of Sandeep Chatterjee, Ph.D. in Support of
Petition for *Inter Partes* Review of
U.S. Patent No. 8,266,212

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ZYNGA INC.
Petitioner

v.

IGT,
Patent Owner

U.S. Patent No. 8,266,212
Issue Date: September 11, 2012

Title: Game Talk Service Bus

DECLARATION OF SANDEEP CHATTERJEE, PH.D.

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I, Sandeep Chatterjee, Ph.D., declare as follows:

I. INTRODUCTION AND QUALIFICATIONS

A. Qualifications and Experience

1. I am the Chief Executive Officer of Experantis LLC, a technology consulting company. Previously, I was the Executive Vice President and Chief Technology Officer of SourceTrace Systems, Inc., a technology and services company enabling the delivery of secure remote electronic services over landline and wireless telecommunications networks.

2. I received my bachelor's degree in Electrical Engineering and Computer Science from the University of California, Berkeley in 1995. I received my master's degree in Computer Science from the Massachusetts Institute of Technology (MIT) in 1997, and my doctorate in Computer Science from MIT in 2001. I received a certificate of completion for an executive education program on global leadership from Harvard University in 2011. My doctoral dissertation at MIT, entitled "Composable System Resources for Networked Systems," which involved networked client architectures and systems, was selected as one of the top inventions in the history of MIT's Laboratory for Computer Science. This invention is showcased in a time capsule at the Museum of Science in Boston, Massachusetts.

3. In 2011, I was named a Young Global Leader. This honor, bestowed each year by the World Economic Forum, recognizes and acknowledges the top

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leaders—all below the age of 40—from around the world for their professional accomplishments, commitment to society, and potential to contribute to shaping the future of the world. In 2016, I was appointed to the World Economic Forum’s expert network as an expert in technology and innovation.

4. I was part of the Expert Group that developed the JSR-00172 J2ME (Java 2 Platform, Micro Edition) Web Services Specification, the worldwide standard for mobile Web services. I am the co-author, with James Webber, of the book “Developing Enterprise Web Services: An Architect’s Guide” (published by Prentice-Hall in 2004). This book discusses games, such as Chess, within the context of web-based and web services-based systems. This book has been adopted by over 100 universities and colleges around the world and has been translated or reprinted in numerous countries around the world.

5. I have been developing computer hardware and software systems for over twenty years. At MIT, as part of my doctoral dissertation work, I architected and developed computer hardware and software modules that were capable of communicating with and transmitting information to other systems and modules to which they were connected. Both the hardware and software modules used special types of interfaces that allowed different modules to use the functionalities and capabilities provided by each module. For example, a computing module could be

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