

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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WHATSAPP INC. and FACEBOOK, INC.

Petitioner

v.

TRIPLAY, INC.

Patent Owner

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IPR2015-00740

Patent 8,332,475 B2

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DECLARATION OF RAJEEV SURATI, Ph.D.

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I, Rajeev Surati, Ph.D., declare as follows:

## **I. QUALIFICATIONS**

1. I have more than twenty (20) years of experience in electrical engineering, computer science, and electronic messaging.

2. I attended the Massachusetts Institute of Technology (MIT) from 1988 to 1999, during which time I earned Bachelor of Science (1992), Master of Science (1995), and Doctor of Philosophy (1999) degrees in electrical engineering and computer science.

3. I am the inventor of US Patent No. 5,943,478, entitled “System for Popup Messaging over the Internet,” which describes a two-way messaging system like AOL Instant Messenger and MIT’s Zephyr service built at Internet scale.

4. In 1996, I founded a company called Flash Communications, which focused on technology related to US Patent No. 5,943,478 and associated technology that I had developed related to pop-up two-way messaging over the Internet. Flash Communications was sold to Microsoft Corporation in 1998, and Flash Communications’ messaging technology was incorporated into Microsoft’s Messenger service and Microsoft Exchange 2000 Instant Messaging Server.

5. While working at Microsoft between 1999 and 2000, I implemented an XML-based protocol that formed a basis for the Extensible Messaging and Presence Protocol (XMPP), which is now an IETF standard for

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