Declaration of David Klausner in Support of
Petition for *Inter Partes* Review of
U.S. Patent No. 9,049,574

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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WhatsApp Inc.
Petitioner

v.

TriPlay Communications Ltd.
Patent Owner

U.S. Patent No. 9,049,574
Filing Date: September 11, 2014
Issue Date: June 2, 2015

Title: MESSAGING SYSTEM AND METHOD

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<u>DECLARATION OF DAVID KLAUSNER</u>

Inter Partes Review No. 2016-__

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U.S. Patent No. 9,094,574

I, David Klausner, declare as follows:

I.   INTRODUCTION AND QUALIFICATIONS

A.   Qualifications and Experience

1.   I am currently employed as an independent computer expert and consultant. I have a bachelor's degree in Mathematics, a master of science degree in Electrical Engineering, and over 49 years of professional experience in the areas of computer networking, security and software. During that time, I have worked as a consultant, as an expert, as an engineer, as a software developer, as a manager, as a company executive, and as a forensic investigator.

2.   Specific computer-related technologies that I have worked with include networks, network devices such as routers and switches, internet, web technologies (such as servers, clients, messaging, scripts, applets, and applications), protocols, videoconferencing systems, operating systems, computer hardware, source code, and programming languages.

3.   In addition, my working experience includes developing software for, among other things, network data communications, business applications, data management, database design, client/server, compilers, parsers, programming languages, user interfaces, quality assurance, real-time applications, artificial intelligence, utility programs, diagnostics, machine simulators, performance

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analyzers, EDI applications, general ledger, inventory control, software auditing, manufacturing processes, insurance, financial, and statistical process control. I have designed and developed, as well as managed and assisted in the design and development of, computer hardware and software systems. Some of my clients have been computer software companies, including Symantec, Adobe, Nortel, Intel Corp., Hewlett-Packard, and IBM.

4.   My experience includes decades of software development, consulting and expert testimony experience in many aspects of the computer field, from microcomputers to mainframes, and in all areas of programming. I also have experience as an engineer, developer, supervisor, project manager, department manager, middle manager, and company executive, as well as experience in forensic investigation and reverse engineering.

5.   I possess many years of experience designing and implementing messaging systems between user devices. A sampling of my experience in designing, implementing, deploying, and maintaining systems for exchanging messages between user devices is as follows:

6.   My early introduction to computer-based messaging occurred from 1967 to 1974, while working at the University Applications Processing Center in Brooklyn, NY. While there, I worked on the deployment and maintenance of

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