UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.,
SAMSUNG ELECTRONICS AMERICA, INC., and
SAMSUNG TELECOMMUNICATIONS AMERICA, LLC,
and
LG ELECTRONICS, INC., LG ELECTRONICS U.S.A., INC., and LG ELECTRONICS MOBILECOMM U.S.A., INC.
Petitioners

v.

BLACK HILLS MEDIA, LLC
Patent Owner

Case No. IPR2014-00737
Case No. IPR2015-00334
U.S. Patent 8,050,652

DECLARATION OF IVAN ZATKOVICH

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TABLE OF CONTENTS

1. INTRODUCTION 1

2. BACKGROUND AND QUALIFICATIONS 2

3. LEGAL STANDARDS 5

3.1. Obviousness 5

4. SUMMARY OF MY STUDY 9

5. ONE OF ORDINARY SKILL IN THE ART 10

6. OVERVIEW OF THE '652 PATENT 11

6.1. A Network-Enabled Electronic Device 20

6.2. Receiving a playlist assigned to the electronic device 21

6.3. Identifying ones of the plurality of songs in the playlist that are not stored on the electronic device 24

6.4. Receiving information enabling the electronic device to obtain the ones of the plurality of songs from a remote source and obtaining the songs 25

6.5. Personal audio network server for managing playlists and devices 27

6.6. Receiving and playing Internet radio broadcasts 28

6.7. Requesting supplemental information related to a song in real time while the song is playing 31

7. OPINIONS AS TO CLAIM CONSTRUCTION 32

7.1. Playlist 32

7.1.1. The Media File Sharing Art Uses Playlist to Denote A List of Media Items Arranged To Be Played In A Sequence 32

7.1.2. The '652 Patent Uses "Playlist" Consistent with Its Meaning in the Media File Sharing Art 40

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7.1.3. A List of URLs is Not a Playlist 44

7.2. Receiving a Playlist "Assigned to the Electronic Device" 53

8. OPINIONS AS TO WHITE 56

8.1. Summary of White 56

8.2. Petitioner's Arguments Regarding White 63

8.3. Claims 1 and 42 are not obvious over White 68

8.3.1. White teaches a system and method clearly distinct from that of claims 1 and 42 69

8.3.2. No electronic device of White that plays and/or selects a song receives information from a central system enabling the electronic device to obtain a song 71

8.3.3. No electronic device of White obtains the songs from a remote source 78

8.3.4. No electronic device of White receives a playlist 78

8.4. Claims 13 and 55 are not obvious over White 81

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I, Ivan Zatkovich, hereby declare:

1. INTRODUCTION

1. I have been retained by Counsel for Patent Owner to provide opinions on certain issues concerning *Inter Partes* Review No. IPR2014-00737 of U.S. Patent No. 8,050,652 ("the '652 Patent").

2. I am aware that the Petition filed in the above-identified proceeding ("the '737 Petition") asserted various grounds and that the Board instituted this proceeding on a subset of the asserted grounds. I am also aware that Petitioner submitted with the '737 Petition a declaration of Kevin Jeffay, Jr., Ph.D. ("the Jeffay Report") opining on various aspects of these proceedings.

3. I have been asked to analyze the '652 Patent, the art cited by the Petitioner, the Jeffay Report, and the Institution Decision dated November 4, 2014 ("the Institution Decision"), as they relate to the particular grounds instituted by the Board. My opinions are set forth below. I make these statements based upon facts and matters within my own knowledge or on information provided to me by others. All such facts and matters are true to the best of my knowledge and belief.

4. I am a Principal Consultant of eComp Consultants. My firm is compensated at a standard rate of $475 per hour for my work on this matter. This

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compensation is not dependent on my opinions or testimony or the outcome of this matter.

2. BACKGROUND AND QUALIFICATIONS

5. A copy of my curriculum vitae is attached as Exhibit 1.

6. I received a Bachelor's degree in Computer Science, with a minor in Electrical Engineering Digital Circuit Design, from the University of Pittsburgh in 1980. I completed a Master's thesis in Computer Networks in 1981 at the University of Pittsburgh, the results of which were published in *Byte Magazine*.

7. I have over 28 years of experience in computer science, including media file sharing and Web multi-media publishing (e.g., content, images, audio/video streaming), early wireless/cell phone communication, CTI (Computer Telephony Integration), eCommerce, and Geolocation.

8. I have been a Principal Consultant with eComp Consultants for over ten years. eComp Consultants provides professional consulting services relating to computer and technical matters in a wide range of industries including embedded internet systems, cellular telephony, and cloud-based services. Such consulting services include working with clients on specific information technology projects, process improvement, project management, and other technology issues. eComp Consultants also provides professional expert witness services.

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