

IPR2014-01181
U.S. Patent No. 8,532,641 B2

Attorney Docket No.
110797-0004-655

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD and SAMSUNG ELECTRONICS
AMERICA, INC.,
Petitioners

v.

AFFINITY LABS OF TEXAS, LLC
Patent Owner

Case IPR2014-01181*
Patent 8,532,641 B2

Before the Honorable KEVIN F. TURNER, LYNNE E. PETTIGREW, and
JON B. TORNQUIST, *Administrative Patent Judges*.

DECLARATION OF RICHARD MONCRIEF

I, Richard Moncrief, make the following Declaration pursuant to 28 U.S.C. §1746:

1. I am a Library Technical Services Specialist at the law firm of Ropes & Gray LLP.

*Case Nos. IPR2014-01182 and IPR2014-01184 have been consolidated with the instant proceeding. *See* IPR2014-01181, Paper 15; IPR2014-01182, Paper 15; and IPR2014-01184, Paper 15.

2. I provide this Declaration in connection with the above-identified *Inter Partes* Review proceeding and Petitioners' Reply to Patent Owner Affinity Labs of Texas, LLC's Response. Unless otherwise stated, the facts stated in this Declaration are based on my personal knowledge.
3. Exhibit 1030 hereto is a true and correct copy of an article entitled "Compatibility of FM Hybrid In-Band On-Channel (IBOC) System for Digital Audio Broadcasting," by Brian Kroeger and Paul Peyla, published by IEEE Transactions on Broadcasting in December 1997, which was downloaded from the IEEE official website, <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=664025&url=http%3A%2F%2Fieeexplore.ieee.org%2Fiel3%2F11%2F14549%2F00664025.pdf%3Farnumber%3D664025>. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
4. Exhibit 1032 hereto is a true and correct copy of an excerpt from "Principles of Digital Audio, Fourth Edition" by Ken C. Pohlmann, published by McGraw-Hill, with a copyright date of 2000, which was retrieved from the Library of Congress at my request. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner.

However, no alterations, other than these noted markings, have been made to this document.

5. Exhibit 1033 hereto is a true and correct copy of the definition for “CD-Quality” from the Oxford English Dictionary (“www.oed.com”), that I retrieved on August 28, 2015. This document has been marked with an exhibit label and page numbers on each page at the bottom right corner.

However, no alterations, other than these noted markings, have been made to this document.

6. Exhibit 1034 hereto is a true and correct copy of an article entitled “A DSP Powered Solid State Audio System,” by Jason Kridner et al., published by IEEE International Conference on Acoustics, Speech, and Signal Processing in 1999, which was downloaded from the IEEE official website, http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=758393&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D758393. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

7. Attached as Exhibit 1035 is a true and correct copy of an article entitled “Intellectual Property Protection Systems and Digital Watermarking,” by Jack Lacy et al., published in Optics Express Vol. 3, No. 12 on December 7, 1998, which was downloaded from the Optical Society website,

<https://www.osapublishing.org/oe/fulltext.cfm?uri=oe-3-12-478&id=63348>.

Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

8. Exhibit 1040 hereto is a true and correct copy of a document titled “BluetoothTM Whitepaper,” by AU-System, dated January 2000, which was downloaded from www.roggeweck.net/uploads/media/Bluetooth_Handout.pdf. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
9. Exhibit 1042 hereto is a true and correct copy of an article entitled “Ericsson Demonstrates Bluetooth at CeBIT ’99 [March 18],” by the Mobile Internet Community, dated March 1999, which was downloaded from the Mobile Internet Community’s website, http://www.mobic.com/oldnews/9903/ericsson_demonstrates_bluetooth.htm, on August 28, 2015. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
10. Exhibit 1044 hereto is a true and correct copy of an article entitled “CTIA Wireless 2000 View From The Floor – Day 2,” by Wireless Developer Network, which was downloaded from the Wireless Developer Network website,

http://www.wirelessdevnet.com/channels/wireless/features/ctia_2.html, on August 28, 2015. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.

11. Exhibit 1047 hereto is a true and correct copy of “Bluetooth Protocol Architecture Version 1.0,” published by the Bluetooth SIG and dated 1999, which was downloaded from http://srohit.tripod.com/bluetooth_sec.pdf. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
12. Exhibit 1052 hereto is a true and correct copy of an article entitled “NTT DoCoMo To Offer Mobile Music Downloads,” by William Auckerman, published by InternetNews.com on October 8, 1999, which was downloaded from the InternetNews.com website, <http://www.internetnews.com/ec-news/article.php/214471/NTT+DoCoMo+To+Offer+Mo>, on August 28, 2015. Page numbers and an exhibit label have been added to the bottom of this document but no other alterations have been made.
13. Exhibit 1053 hereto is a true and correct copy of an article entitled “Sony and Liquid Audio Integrate Internet Music Delivery Systems,” published by Sony on January 6, 2000, which was downloaded from the Sony website, http://www.sony.net/SonyInfo/News/Press_Archive/200001/00-0111B/, on

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