

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC. and FITBIT, INC.
Petitioner

v.

VALENCELL, INC.
Patent Owner

Case IPR2017-00321¹
U.S. Patent No. 8,923,941

PETITIONER APPLE INC.'S UPDATED EXHIBIT LIST

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¹ Case IPR2017-01556 has been joined with this proceeding.

Pursuant to 37 C.F.R. § 42.63(e), Petitioner Apple Inc. hereby submits an updated exhibit list to accompany submission of Petitioner's Demonstratives.

PETITIONER'S UPDATED EXHIBIT LIST

Exhibit No.	Description
1001	U.S. Patent No. 8,923,941 to LeBoeuf <i>et al.</i> , issued December 30, 2014
1002	U.S. Patent No. 8,923,941 File History
1003	Declaration of Dr. Majid Sarrafzadeh
1004	<i>Curriculum Vitae</i> of Dr. Majid Sarrafzadeh
1005	<i>Valencell, Inc. v. Apple Inc.</i> , Case No. 5-16-cv-00010 (E.D.N.C), Complaint filed January 4, 2016
1006	U.S. Patent Application Publication No. 2005/0209516 to Fraden, published September 22, 2005
1007	<i>Intentionally left blank</i>
1008	U.S. Patent Application Publication No. 2008/0081972 to Debreczeny, published April 3, 2008
1009	Japanese Patent Application Publication No. 2005/040261 A to Numaga <i>et al.</i> , published February 17, 2005
1010	Certified English-language translation of Japanese Patent Application Publication No. 2005/040261 A to Numaga <i>et al.</i> , published February 17, 2005
1011	U.S. Patent Application Publication No. 2003/0065269 to Vetter <i>et al.</i> , published April 3, 2003
1012 – 1015	<i>Intentionally left blank</i>
1016	U.S. Patent Application Publication No. 2009/0105556 to Fricke <i>et al.</i> , published April 23, 2009
1017	<i>Intentionally left blank</i>
1018	U.S. Patent No. 3,704,706 to Herczfeld <i>et al.</i> , issued December 5, 1972
1019	U.S. Patent No. 5,297,548 to Pologe, issued March 29, 1994
1020	Med. Sci. Series, Int'l Fed'n for Med. and Biological Eng'g and the Int'l Org. for Med. Physics, Design of Pulse Oximeters (J.G. Webster ed., Inst. of Physics Publ'g 1997)

Exhibit No.	Description
1021	John Allen, <i>Photoplethysmography and its application in clinical physiological measurement</i> , Physiological Measurement 28 (2007)
1022	U.S. Patent Application Publication No. 2008/0132798 to Hong <i>et al.</i> , published June 5, 2008
1023	U.S. Patent Application Publication No. 2008/0177162 to Bae <i>et al.</i> , published July 24, 2008
1024	U.S. Patent No. 5,807,267 to Bryars <i>et al.</i> issued September 15, 1998
1025	Hyonyoung Han et al., <i>Development of a wearable health monitoring device with motion artifact reduced algorithm</i> , International Conference on Control, Automation and Systems, IEEE (2007)
1026	Excerpts from Merriam Webster's Collegiate Dictionary, Eleventh Edition, 2008; pp. 603 and 1434
1027	U.S. Patent Application Publication No. 2004/0186387 to Kosuda <i>et al.</i> , published September 23, 2004
1028	U.S. Patent Application No. 2009/0287067 to Dorogusker <i>et al.</i> , published November 19, 2009
1029	Japanese Patent Application Publication No. 2005/270544 to Maekawa, published October 6, 2005
1030	Certified English-language translation of Japanese Patent Application Publication No. 2005/270544 to Maekawa, published October 6, 2005
1031	U.S. Patent Application No. 2005/059870 to Aceti, published March 17, 2005
1032	G. Comtois & Y. Mendelson, <i>A Comparative Evaluation of Adaptive Noise Cancellation Algorithms for Minimizing Motion Artifacts in a Forehead-Mounted Wearable Pulse Oximeter</i> , IEEE (2007)
1033	Declaration of Gerard P. Grenier in support of G. Comtois & Y. Mendelson, <i>A Comparative Evaluation of Adaptive Noise Cancellation Algorithms for Minimizing Motion Artifacts in a Forehead-Mounted Wearable Pulse Oximeter</i> , IEEE (2007) (Ex. 1032)
1034	U.S. Patent Application Publication No. 2004/0059236 to Margulies <i>et al.</i> , published March 25, 2004
1035	U.S. Patent Application Publication No. 2007/0016086 to Inukai <i>et al.</i> , published January 18, 2007

Exhibit No.	Description
1036	U.S. Patent Application Publication No. 2003/0236647 to Yoon <i>et al.</i> , published December 25, 2003
1037	International Patent Application Publication No. 2007/013054 to Schwartz, published February 1, 2007
1038	U.S. Patent No. 5,575,284 to Athan <i>et al.</i> , issued November 19, 1996
1039	U.S. Patent No. 5,503,016 to Koen, issued April 2, 1996
1040	U.S. Patent Application Publication No. 2008/0154098 to Morris <i>et al.</i> , published June 26, 2008
1041	U.S. Patent Application Publication No. 2007/0027367 to Oliver <i>et al.</i> , published February 1, 2007
1042	U.S. Patent Application Publication No. 2007/0197881 to Wolf <i>et al.</i> , published August 23, 2007
1043	U.S. Patent Application Publication No. 2005/0075542 to Goldreich, published April 7, 2005
1044	International Patent Application Publication No. WO2007/004089 to Moroney <i>et al.</i> , published January 11, 2007
1045	G. Sen Gupta <i>et al.</i> , <i>Design of a Low-cost Physiological Parameter Measurement and Monitoring Device</i> , Instrumentation and Measurement Technology Conference, IEEE (2007)
1046	U.S. Patent Application Publication No. 2006/0084879 to Nazarian <i>et al.</i> , published April 20, 2006
1047	U.S. Patent No. 5,243,992 to Eckerle <i>et al.</i> , issued September 14, 1993
1048	U.S. Patent No. 4,955,379 to Hall, issued September 11, 1990
1049	International Patent Application Publication No. WO 2007/122375 to Crowe <i>et al.</i> , published November 1, 2007
1050	Excerpt from Wiley Electrical and Electronics Engineering Dictionary, 2004; p. 110
1051	Excerpt from Dictionary of Computer and Internet Terms, 2009; p. 90
1052	Declaration of Gerard P. Grenier in support of G. Sen Gupta <i>et al.</i> , <i>Design of a Low-cost Physiological Parameter Measurement and Monitoring Device</i> , Instrumentation and Measurement Technology Conference, IEEE (2007) (Ex. 1045) and Hyonyoung Han <i>et al.</i> , <i>Development of a wearable health monitoring device with motion artifact reduced algorithm</i> , International Conference on Control, Automation and Systems, IEEE (2007) (Ex. 1025)

Exhibit No.	Description
1053	U.S. Patent No. 6,801,799 to Mendelson <i>et al.</i> , issued October 5, 2004
1054	U.S. Patent No. 6,898,451 to Wuori, issued May 24, 2005
1055-1066	<i>Intentionally Left Blank</i>
1067	Transcript of teleconference among Board and Parties held on April 5, 2017, <i>Apple Inc. v. Valencell, Inc.</i> , Case Nos. IPR2017-00315, IPR2017-00319, and IPR2017-00321.
1068	Transcript of teleconference among Board and Parties held on August 28, 2017, <i>Apple Inc. v. Valencell, Inc.</i> , Case Nos. IPR2017-00315 and IPR2017-00321.
1069	Transcript of teleconference among Board and Parties held on October 13, 2017, <i>Apple Inc. v. Valencell, Inc.</i> , Case Nos. IPR2017-00315, IPR2017-00317, IPR2017-00318, IPR2017-00319, and IPR2017-00321.
1070	Transcript of Deposition of Dr. Luca Pollonini, November 9, 2017, <i>Apple Inc. v. Valencell, Inc.</i> , Case Nos. IPR2017-00319 and IPR2017-00321.
1071	U.S. Patent No. 6,401,138 to Judge <i>et al.</i> , issued June 4, 2002
1072	Declaration of Dr. Majid Sarrafzadeh in Support of Petitioner's Opposition to Patent Owner's Conditional Motion to Amend
1073	Petitioner Apple Inc.'s Demonstratives

Respectfully submitted,

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