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APPLE INC.
Petitioner

v.

VALENCELL, INC.
Patent Owner

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Case IPR2017-00321
U.S. Patent No. 8,923,941

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**PETITIONER APPLE INC.'S UPDATED EXHIBIT LIST**

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The Board's August 28, 2017 Order (Paper No. 20) indicates that the transcript of a teleconference between the Board and Parties held on August 28, 2017 should be made of record in this proceeding. Petitioner Apple Inc. submits herewith a copy of said transcript as Exhibit 1068. Pursuant to 37 C.F.R. § 42.63(e), Petitioner Apple Inc. hereby submits an updated exhibit list to accompany submission of Exhibit 1068.

## PETITIONER'S UPDATED EXHIBIT LIST

| Exhibit No. | Description |
|---|---|
| **1001** | U.S. Patent No. 8,923,941 to LeBoeuf *et al.*, issued December 30, 2014 |
| **1002** | U.S. Patent No. 8,923,941 File History |
| **1003** | Declaration of Dr. Majid Sarrafzadeh |
| **1004** | *Curriculum Vitae* of Dr. Majid Sarrafzadeh |
| **1005** | *Valencell, Inc. v. Apple Inc.*, 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** | *Intentionally left blank* |
| **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 *et al*., published February 17, 2005 |
| **1010** | Certified English-language translation of Japanese Patent Application Publication No. 2005/040261 A to Numaga *et al*., published February 17, 2005 |
| **1011** | U.S. Patent Application Publication No. 2003/0065269 to Vetter *et al.*, published April 3, 2003 |
| **1012 – 1015** | *Intentionally left blank* |
| **1016** | U.S. Patent Application Publication No. 2009/0105556 to Fricke *et al.*, published April 23, 2009 |
| **1017** | *Intentionally left blank* |

| Exhibit No. | Description |
|---|---|
| **1018** | U.S. Patent No. 3,704,706 to Herczfeld *et al.*, 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) |
| **1021** | John Allen, *Photoplethysmography and its application in clinical physiological measurement*, Physiological Measurement 28 (2007) |
| **1022** | U.S. Patent Application Publication No. 2008/0132798 to Hong *et al.*, published June 5, 2008 |
| **1023** | U.S. Patent Application Publication No. 2008/0177162 to Bae *et al.*, published July 24, 2008 |
| **1024** | U.S. Patent No. 5,807,267 to Bryars *et al.* issued September 15, 1998 |
| **1025** | Hyonyoung Han et al., *Development of a wearable health monitoring device with motion artifact reduced algorithm*, 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 *et al.*, published September 23, 2004 |
| **1028** | U.S. Patent Application No. 2009/0287067 to Dorogusker *et al.*, 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, *A Comparative Evaluation of Adaptive Noise Cancellation Algorithms for Minimizing Motion Artifacts in a Forehead-Mounted Wearable Pulse Oximeter*, IEEE (2007) |

| Exhibit No. | Description |
|---|---|
| **1033** | Declaration of Gerard P. Grenier in support of G. Comtois & Y. Mendelson, *A Comparative Evaluation of Adaptive Noise Cancellation Algorithms for Minimizing Motion Artifacts in a Forehead-Mounted Wearable Pulse Oximeter*, IEEE (2007) (Ex. 1032) |
| **1034** | U.S. Patent Application Publication No. 2004/0059236 to Margulies *et al.*, published March 25, 2004 |
| **1035** | U.S. Patent Application Publication No. 2007/0016086 to Inukai *et al.*, published January 18, 2007 |
| **1036** | U.S. Patent Application Publication No. 2003/0236647 to Yoon *et al.*, 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 *et al.*, 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 *et al.*, published June 26, 2008 |
| **1041** | U.S. Patent Application Publication No. 2007/0027367 to Oliver *et al.*, published February 1, 2007 |
| **1042** | U.S. Patent Application Publication No. 2007/0197881 to Wolf *et al.*, 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 *et al.*, published January 11, 2007 |
| **1045** | G. Sen Gupta et al., *Design of a Low-cost Physiological Parameter Measurement and Monitoring Device*, Instrumentation and Measurement Technology Conference, IEEE (2007) |
| **1046** | U.S. Patent Application Publication No. 2006/0084879 to Nazarian *et al.*, published April 20, 2006 |
| **1047** | U.S. Patent No. 5,243,992 to Eckerle *et al.*, 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 *et al.*, published November 1, 2007 |
| **1050** | Excerpt from Wiley Electrical and Electronics Engineering Dictionary, 2004; p. 110 |

| Exhibit No. | Description |
|---|---|
| **1051** | Excerpt from Dictionary of Computer and Internet Terms, 2009; p. 90 |
| **1052** | Declaration of Gerard P. Grenier in support of G. Sen Gupta et al., *Design of a Low-cost Physiological Parameter Measurement and Monitoring Device*, Instrumentation and Measurement Technology Conference, IEEE (2007) (Ex. 1045) and Hyonyoung Han et al., *Development of a wearable health monitoring device with motion artifact reduced algorithm*, International Conference on Control, Automation and Systems, IEEE (2007) (Ex. 1025) |
| **1053** | U.S. Patent No. 6,801,799 to Mendelson *et al*., issued October 5, 2004 |
| **1054** | U.S. Patent No. 6,898,451 to Wuori, issued May 24, 2005 |
| **1055-1066** | *Intentionally Left Blank* |
| **1067** | Transcript of teleconference among Board and Parties held on April 5, 2017, *Apple Inc. v. Valencell, Inc.*, Case Nos. IPR2017-00315, IPR2017-00319, and IPR2017-00321. |
| **1068** | Transcript of teleconference among Board and Parties held on August 28, 2017, *Apple Inc. v. Valencell, Inc.*, Case Nos. IPR2017-00315 and IPR2017-00321. |

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

/Michael D. Specht/

Michael D. Specht
Registration No. 54,463
Attorney for Petitioner

Date: August 31, 2017

1100 New York Avenue, N.W.
Washington, D.C.20005-3934
(202) 371-2600

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