

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

OMNI MEDSCI, INC.,
Patent Owner.

Inter Partes Review No. IPR2019-00916

Petitioner's Updated Exhibit List

Exhibit List

| Exhibit # | Reference Name |
|------------------|--|
| 1001 | U.S. Patent No. 9,651,533 |
| 1002 | U.S. Patent No. 9,651,533 File History |
| 1003 | Declaration of Brian W. Anthony, PhD |
| 1004 | Proof of Service of Summons in Omni MedSci, Inc. v. Apple Inc., No. 2:18-cv-134 (E.D. Tex.) |
| 1005 | U.S. Patent Publication No. 2012/0197093 (“Valencell-093”) |
| 1006 | U.S. Patent Publication No. 2010/0217099 (“Valencell-099”) |
| 1007 | U.S. Patent No. 6,505,133 (“Hanna”) |
| 1008 | U.S. Patent No. 5,746,206 (“Mannheimer”) |
| 1009 | U.S. Patent Publication No. 2005/0049468 (“Carlson”) |
| 1010 | U.S. Patent No. 9,596,990 (“Park”) |
| 1011 | U.S. Patent No. 9,241,676 (“Lisogurski”) |
| 1012 | RESERVED |
| 1013 | RESERVED |
| 1014 | U.S. Patent No. 8,172,761 (“Rulkov”) |
| 1015 | U.S. Provisional Application No. 61/747,487 |
| 1016 | U.S. Provisional Application No. 61/747,472 |
| 1017 | Provisional Application No. 61/747,477 |
| 1018 | Provisional Application No. 61/754,698 |
| 1019 | “The Biomedical Engineering Handbook,” by Joseph D. Bronzino (1995) (“BE Handbook”) |
| 1020 | M. Krantz, et al., The mobile fitness coach: Towards individualized skill assessment using personalized mobile devices, Pervasive and Mobile Computing (June 2012) |

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| 1021 | Patel, et al., A review of wearable sensors and systems with application rehabilitation, <i>Journal of Neuroengineering & Rehabilitation</i> 2012 9:21 |
| 1022 | ScienceDirect Report on M. Krantz, et al., The mobile fitness coach: Towards individualized skill assessment using personalized mobile devices, <i>Pervasive and Mobile Computing</i> (2012), available at https://www.sciencedirect.com/science/article/pii/S1574119212000673?via%3Dihub |
| 1023 | "The Usage of Tablets in the HealthCare Industry," by Rauf Adil, available at https://www.healthcareitnews.com/blog/usage-tablets-healthcare-industry (Aug. 2, 2012) |
| 1024 | A. More, Bluetooth Low Energy: Wireless Connectivity for Medical Monitoring, <i>Journal of Diabetes Science & Technology</i> (Mar. 2010) |
| 1025 | 1. Absorption Coefficient and Penetration Depth, available at https://eng.libretexts.org/Bookshelves/Materials_Science/Supplemental_Modules_(Materials_Science)/The_Science_of_Solar (Accessed October 29, 2018) |
| 1026 | Buttussi, Fabio, Chittaro, Luca, MOPET: A context-aware and user-adaptive wearable system for fitness training (2008) |
| 1027 | P. Baum, et al., Strategic Intelligence Monitor on Personal Health Systems, Phase 2: Market Developments - Remote Patient Monitoring and Treatment, <i>Telecare, Fitness/Wellnes and mHealth</i> , JRC Scientific and Policy Reports of European Commission (2013) |
| 1028 | Compendium of Chemical Terminology Gold Book Version 2.3.3, February 24, 2014 |
| 1029 | M. Swan, Senior Mania! The Internet of Things, Wearable Computing, Objective Metrics, and the Quantified Self 2.0, <i>Journal of Sensor and Actuator Networks</i> (2012) |
| 1030 | Merriam-Webster's Collegiate Dictionary, Eleventh Edition |
| 1031 | U.S. Patent Publication No. 2012/0041767 ("Hoffman") |
| 1032 | Hjelt-US7278966B2 |
| 1033 | Lister et al., Optical properties of human skin (<i>Journal of Biomedical Optics</i> 2012) |
| 1034 | Bashkatov et al., Optical properties of human skin, subcutaneous and mucous tissues in the wavelength range from 400 to 2000 nm, <i>Journal of Physics D: Applied Physics</i> (2005) |

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| 1035 | E.F. Schubert, Light-Emitting Diodes (Cambridge Univ. Press, 2nd ed. reprinted 2014) |
| 1036 | Barolet, Daniel, Light-Emitting Diodes (LEDs) in Dermatology (Seminars in Cutaneous Medicine and Surgery 2008) |
| 1037 | RESERVED |
| 1038 | RESERVED |
| 1039 | Omni MedSci Inc.'s Opening Claim Construction Brief, No. 2:18-cv-134-RWS (filed December 20, 2018) |
| 1040 | Apple Inc.'s Preliminary Claim Constructions and Extrinsic Evidence Pursuant to Patent Local Rule 4-2, No. 2:18-cv-134-RWS (filed November 1, 2018) |
| 1041 | Exhibit E from , Excerpts from the American Heritage Dictionary, 5th Edition, filed January 14, 2019, No. 2:18-cv-134-RWS |
| 1042 | Exhibit O, Excerpts from the American Heritage Dictionary, 5th Edition. Filed January 14, 2019. No. 2:18-cv-134-RWS |
| 1043 | Amended Joint Claim Construction and Prehearing Statement. Filed January 11, 2019. No. 2:18-cv-134-RWS |
| 1044 | Claim Construction Markman Hearing Transcript, February 6, 2019. No. 2:18-cv-134-RWS |
| 1045 | District Court Preliminary Claim Constructions. Case No. 2:18-cv-134-RWS |
| 1046 | Exhibit G, Excerpts from Merriam-Webster's Collegiate Dictionary, Eleventh Edition, No. 2:18-cv-134-RWS |
| 1047 | Exhibit N, Excerpts from Merriam-Webster's Collegiate Dictionary, Eleventh Edition, No. 2:18-cv-134-RWS |
| 1048 | U.S. Patent No. 6,044,283 ("Fein") |
| 1049 | U.S. Patent No. 5,774,213 ("Trebino") |
| 1050 | U.S. Patent No. 5,855,550 ("Lai") |
| 1051 | U.S. Patent No. 6,898,451 ("Wuori") |
| 1052 | U.S. Patent No. 4,972,331 ("Chance") |
| 1053 | Curriculum Vitae of Brian W. Anthony, PhD |

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| 1054 | Dr. Mohammed Islam, Faculty Profile, University of Michigan, College of Engineering (available at https://islam.engin.umich.edu) |
| 1055 | Technology Transfer Policy, University of Michigan (available at https://techtransfer.umich.edu/for-inventors/policies/technology-transfer-policy/) |
| 1056 | Bylaws of the University of Michigan Board of Regents, (available at http://www.regents.umich.edu/bylaws/bylawsrevised_09-18.pdf) |
| 1057 | Order, <i>Omni MedSci, Inc. v. Apple Inc.</i> , No. 2:18-cv-134-RWS in the United States District Court for the Eastern District of Texas Marshall Division (8/16/2019), ECF No. 283 |
| 1058 | Order, <i>Omni MedSci, Inc. v. Apple Inc.</i> , No. 2:18-cv-134-RWS in the United States District Court for the Eastern District of Texas Marshall Division (8/23/2019), ECF No. 287 |
| 1059 | Jim Warriner, Measuring The Success of Motions to Stay Pending IPR, Law 360 (6/6/2017) (available at https://www.law360.com/articles/928654/measuring-the-success-of-motions-to-stay-pending-ipr) |
| 1060 [NEW] | Deposition Transcript of Duncan Leo MacFarlane, taken on April 16, 2020 |

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