

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.,
Petitioner,

v.

HAPTIC, INC.,
Patent Owner

Case IPR2024-01475
U.S. Patent 9,996,738

PETITIONER'S UPDATED LIST OF EXHIBITS

LIST OF EXHIBITS

APPLE-1001	U.S. Patent No. 9,996,738 (“the ’738 patent”)
APPLE-1002	U.S. Patent No. 9,996,738 File History
APPLE-1003	Declaration of Dr. Benjamin B. Bederson
APPLE-1004	U.S. Publication No. 2014/0191963 to Murakoshi (“Murakoshi”)
APPLE-1005	U.S. Publication No. 2015/0348554 to Orr (“Orr”)
APPLE-1006	U.S. Patent No. 4,744,249 to Stewart (“Stewart”)
APPLE-1007	U.S. Publication No. 2009/0265671 to Sachs (“Sachs”)
APPLE-1008	U.S. Publication No. 2015/0123949 to Li (“Li”)
APPLE-1009	U.S. Publication No. 2010/0256947 to Kim (“Kim”)
APPLE-1010	iFixit iPhone 6 Teardown Report (accessed at https://www.ifixit.com/Teardown/iPhone+6+Teardown/29213) (“iFixit”)
APPLE-1011	iFixit iPhone 6 Teardown Report, archived by Internet Archive Wayback Machine on September 20, 2014, at https://web.archive.org/web/20140920142624/https://www.ifixit.com/Teardown/iPhone+6+Teardown/29213
APPLE-1012	iFixit Teardown Navigation Page, archived by Internet Archive Wayback Machine on September 24, 2014, at https://web.archive.org/web/20140924024423/https://www.ifixit.com/Teardown/
APPLE-1013	Bond, “Take a look at the guts of the iPhone 6+ with the iFixit teardown video,” Yahoo Finance News, Last Updated

September 19, 2014 (accessed at
<https://finance.yahoo.com/news/2014-09-19-take-a-look-at-the-guts-of-the-iphone-6-with-the-ifixit-teardown.html>)

- APPLE-1014 Randewich, “Apple’s iPhone 6 Plus includes chips from Qualcomm, Skyworks: iFixit,” Yahoo Finance News Canada, Published September 18, 2014 (accessed at <https://ca.news.yahoo.com/finance/news/apples-iphone-6-plus-includes-chips-qualcomm-sk-025450701--sector.html>)
- APPLE-1015 “Apple iPhone 6 teardown, in pictures,” The Telegraph (accessed at <https://www.telegraph.co.uk/technology/apple/11109921/Apple-iPhone-6-teardown-in-pictures.html>)
- APPLE-1016 “Apple iPhone 6 teardown, in pictures,” The Telegraph, archived by Internet Archive Wayback Machine on September 20, 2014, at <http://web.archive.org/web/20140920072019/https://www.telegraph.co.uk/technology/apple/11109921/Apple-iPhone-6-teardown-in-pictures.html>
- APPLE-1017 “iFixit opens up Apple’s iPhone 6 Plus to peek at its huge battery and the rest of its innards,” TNW, Published September 19, 2014 (accessed at <https://thenextweb.com/news/ifixit-opens-up-apples-iphone-6-plus-to-peek-at-its-huge-battery-and-the-rest-of-its-innards>)
- APPLE-1018 Cunningham, “iFixit tears new iPhones apart, finds they’re pretty easy to fix,” Ars Technica, Published September 19, 2014 (accessed at <https://arstechnica.com/gadgets/2014/09/ifixit-tears-new-iphones-apart-finds-theyre-pretty-easy-to-fix/>)
- APPLE-1019 Hanson, “iPhone 6 Plus teardown confirms 1 GB of RAM and more,” Tech Radar, Published September 19, 2014 (accessed at <https://www.techradar.com/news/phone-and->

communications/mobile-phones/iphone-6-plus-teardown-confirms-1gb-of-ram-and-more-1266277)

- APPLE-1020 Lawler, “iFixit cracks open an iPhone 6 Plus to get at the massive battery inside,” engadget, Updated September 18, 2014 (accessed at <https://www.engadget.com/2014-09-19-iphone-6-plus-teardown.html>)
- APPLE-1021 Schiesser, “iFixit tears down the iPhone 6s, finds smaller battery, large Taptic Engine,” Techspot, Published September 25, 2015 (accessed at <https://www.techspot.com/news/62232-ifixit-tears-down-iphone-6s-finds-smaller-battery.html>)
- APPLE-1022 Nicholas, “Pop open this iPhone 6 and see where the magic oozes from ... oh hello again, Qualcomm,” The Register, Published September 19, 2014 (accessed at <https://www.techspot.com/news/62232-ifixit-tears-down-iphone-6s-finds-smaller-battery.html>)
- APPLE-1023 Trenholm, “See inside the iPhone 6 and 6 Plus with new teardown,” CNET, Published September 19, 2014 (accessed at <https://www.cnet.com/tech/mobile/see-inside-the-iphone-6-and-6-plus-with-new-teardown/>)
- APPLE-1024 Van Allen, “The iPhone 6 is Apple’s easiest-to-repair phone to date,” Techlicious,” Published September 19, 2014 (accessed at <https://www.techlicious.com/blog/iphone-6-ifixit-teardown-repairability-score/>)
- APPLE-1025 Reddit Post “As requested: X-Ray of my iPhone 6 Plus – better image” in r/iphone, Published 9 years ago (accessed at https://www.reddit.com/r/iphone/comments/2r3n5n/as_requested_xray_of_my_iphone_6_plus_better_image/)
- APPLE-1026 Reddit Post “iFixit begins live teardown of iPhone 6 Plus, revealing 2906 mAh battery” in r/iphone, Published 10 years ago (accessed at

https://www.reddit.com/r/iphone/comments/2gtg5f/ifixit_begins_live_teardown_of_iphone_6_plus/)

- APPLE-1027 iFixit Video, “The iPhone 6 Teardown Review,” YouTube, Published September 20, 2014, archived by Internet Archive Wayback Machine on September 22, 2014, at <https://web.archive.org/web/20140922002926/https://www.youtube.com/watch?v=bGIWuf92LLI>
- APPLE-1028 iFixit Video, “The iPhone 6 Teardown Review,” YouTube, Published September 20, 2014, archived by Internet Archive Wayback Machine on December 14, 20214, at <https://web.archive.org/web/20141214090834/https://www.youtube.com/watch?v=bGIWuf92LLI>
- APPLE-1029 iFixit User List, archived by Internet Archive Wayback Machine on July 18, 2014, at <https://web.archive.org/web/20140718212129/https://www.ifixit.com/Users>
- APPLE-1030 Koebler, “How iFixit became king of the iPhone teardown,” Vice, Published November 3, 2017 (accessed at <https://www.vice.com/en/article/7x4wxx/ifixit-iphone-x-teardown-behind-the-scenes>)
- APPLE-1031 Declaration of Nathaniel E Frank-White
- APPLE-1032 iFixit Home Page, archived by Internet Archive Wayback Machine on September 24, 2014, at <https://web.archive.org/web/20140924094348/https://www.ifixit.com/>
- APPLE-1033 iFixit iPhone 6 Plus Teardown, archived by Internet Archive Wayback Machine on September 24, 2014, at <https://web.archive.org/web/20140924041128/https://www.ifixit.com/Teardown/iPhone+6+Plus+Teardown/29206>

- APPLE-1034 Eric Silvka, “iPhone 6s Materials Analysis Confirms Stronger, Less Bendable Aluminum Alloy,” MacRumors, August 19, 2015 (retrieved from <https://www.macrumors.com/2015/08/19/iphone-6s-shell-aluminum-alloy/>)
- APPLE-1035 Wilmar Hernandez, *Improving the Response of a Rollover Sensor Placed in a Car under Performance Tests by Using a RLS Lattice Algorithm*, 5 Sensors 613-632 (2005)
- APPLE-1036 Mark Serridge & Torben Licht, *Piezoelectric Accelerometer and Vibration Preamplifier Handbook* (1987)
- APPLE-1037 Wong et. al, *Clinical Application of Sensors for Human Posture and Movement Analysis: a Review*, 31 Prosthetics and Orthotics International 62-75 (2007)
- APPLE-1038 Majid Dadafshar, *Maxim Integrated Application Note 5830 - Accelerometer and Gyroscopes Sensors: Operation, Sensing, and Applications* (2014)
- APPLE-1039 STI Vibration Monitoring, Inc., *Accelerometer Installation Guide – Field Application Note*, (2012)
- APPLE-1040 Texas Instruments Application Report – 3-V Accelerometer Featuring TLV2772, SLVA040 (1998)
- APPLE-1041 Dr. Hisham El-Sherif, Lecture 7: Piezoelectric Transducer slides (2010)
- APPLE-1042 Artur Trosin, *Separation of Concerns vs. Single Responsibility Principle (SoC vs. SRP)*, (January 26, 2009)
- APPLE-1043 Peri Tarr et al., *Workshop on Multi-Dimensional Separation of Concerns in Software Engineering*, ICSE ‘00 Proceedings of the 22nd International Conference on Software Engineering 809 (2000), DOI: <https://doi.org/10.1145/337180.337827>

APPLE-1044	Derek Greer, <i>The Art of Separation of Concerns</i> , Aspiring Craftsman Blog (January 3, 2008) (archived by Wayback Machine on November 11, 2011)
APPLE-1045	Hayim Makabee, <i>Effective Software Design: Separation of Concerns</i> , (February 5, 2012)
APPLE-1046	U.S. Publication No. 2014/0327526 to Bess
APPLE-1047	U.S. Publication No. 2011/0087454 to Lee
APPLE-1048	U.S. Patent No. 9,712,895 to Yeo
APPLE-1049	PCT Publication No. WO2012058770 to Slupsky
APPLE-1050	M. Chan et al., <i>A review of smart homes- Present state and future challenges</i> , Computer Methods and Programs in Biomedicine, vol. 91 (2008) 55-81
APPLE-1051	M. Vacher et al., <i>Complete sound and speech recognition system for heath smart homes: Application to the recognition of activities of daily living</i> , Recent Advances in Biomedical Engineering, ed. Domenico Campolo, (2010) 1-26
APPLE-1052	U.S. Publication No. 2010/00085216 to Ms
APPLE-1053	Ava Mutchler, <i>Voice Assistant Timeline: A Short History of the Voice Revolution</i> , voicebot.ai (July 14, 2017) (retrieved from https://voicebot.ai/2017/07/14/timeline-voice-assistants-short-history-voice-revolution/)
APPLE-1054	Merriam Webster Dictionary, Web Entry for “Accelerometer,” (retrieved from https://www.merriam-webster.com/dictionary/accelerometer)

APPLE-1055	Merriam Webster Dictionary, Web Entry for “Sensor,” (retrieved from https://www.merriam-webster.com/dictionary/sensor)
APPLE-1056	Declaration of Mr. Kyle Wiens re iFixit iPhone 6 Teardown Report webpage and appendices
APPLE-1057-1100	RESERVED
APPLE-1101	Haptic Preliminary Infringement Contentions (March 18, 2024), Case No. 1:23-CV-1351-DII
APPLE-1102	K. Vidal Memorandum on <i>Interim Procedure for Discretionary Denials in AIA Post-Grant Proceedings with Parallel District Court Litigation</i> , June 21, 2022
APPLE-1103	Federal Court Management Statistics, December 31, 2023 (retrieved from https://www.uscourts.gov/statistics-reports/federal-court-management-statistics-december-2023)
APPLE-1104	Haptic Response in Opposition to Apple’s Rule 12(b)(6) Motion (February 5, 2024), Case No. 1:23-CV-1351-DII, Document 27
APPLE-1105	Pretrial Order No. 1, Case Management Schedule (May 16, 2024), Case No. 3:24-cv-02296-JSC (after transfer to NDCal), Document 73
APPLE-1106	Table of Scheduled and Actual Trial Dates for Civil Cases Before Judge Corley in NDCal, compiled from data on LexMachina
APPLE-1107	Joint Claim Construction and Prehearing Statement (August 29, 2024), Case No. 3:24-cv-02296-JSC (after transfer to NDCal), Document 101

APPLE-1108	Complaint for Patent Infringement and Jury Demand (November 6, 2023), Case No. 1:23-cv-01351-DII, Document 1
APPLE-1109	Email Correspondence with Haptic (dated September 25, 2024)
APPLE-1110	Apple's Letter of Stipulation

Respectfully submitted,

Dated: March 4, 2025

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CERTIFICATE OF SERVICE

Pursuant to 37 CFR §§ 42.6(e), the undersigned certifies that on March 4, 2025, a complete and entire copy of this Petitioner's Updated List of Exhibits and all supporting exhibits were provided via email, to the Patent Owner as follows:

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