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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.,  
Petitioner,

v.

MASIMO CORPORATION,  
Patent Owner.

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Case IPR2022-01299  
U.S. Patent 7,761,127

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**PATENT OWNER'S UPDATED EXHIBIT LIST**

**EXHIBIT LIST**

<b>Exhibit No.</b>	<b>Description</b>
2001	Declaration of Jeremiah S. Helm in Support of <i>Pro Hac Vice</i> Motion
2002	Declaration of Mohamed Diab (Confidential)
2003	December 15, 2005 Rainbow Sensor Simulations (Confidential)
2004	“Signal Extraction & Rainbow Technology,” Masimo, 2005 (Confidential)
2005	“Rad-57 Signal Extraction Pulse CO-Oximeter Operator’s Manual,” Masimo, 2018
2006	March 30, 2004 Masimo Rainbow Sensor Drawing (early rainbow®) (Confidential)
2007	Masimo Rainbow Sensor Drawing (early rainbow®) (Confidential)
2008	<i>Masimo Corp. et al. v. Apple Inc.</i> , June 6-10, 2022 Public Hearing Transcript, ITC Inv. No 337-TA-1276
2009	December 16, 2016 Kyocera Substrate Drawing (Confidential)
2010	November 8, 2018 Rainbow Flex Circuit Drawing (Confidential)
2011	<i>Masimo Corp. et al. v. Apple Inc.</i> , Masimo’s June 27, 2022 Public Initial Post-Hearing Brief, ITC Inv. No 337-TA-1276
2012	2007 Masimo MX-3 Board System Design (Confidential)
2013	2007 Masimo MX-3 Board Product Design Requirements, Revision A (Confidential)
2014	2010 Masimo MX-3 Board Product Design Requirements, Revision B (Confidential)

<b>Exhibit No.</b>	<b>Description</b>
2015	2015 Masimo MX-3 Board Product Design Requirements, Revision F (Confidential)
2016	Masimo Rainbow Sensor Substrate, Exploded View (Confidential)
2017	“Material Qualification Henkel 84-1LMISR4 Die Attach Adhesive,” Masimo
2018	PVIC ACE34560 Electrically Conductive Oven Cure Die Attach Adhesive Technical Data Sheet, Protavic Korea Co., Ltd. (Confidential)
2019	April 22, 2021 Masimo Rainbow Sensor Photographs (current rainbow ®) (Confidential)
2020	March 30, 2009 Masimo Rainbow Sensor Solder Drawing (Confidential)
2021	Masimo Rainbow Sensor Photograph (current rainbow ®) (Confidential)
2022	September 22, 2019 Masimo “Awards” Webpage
2023	“Masimo Honored with FDNY ‘Flag of Heroes’,” EMS1, 2008
2024	Photograph of “Flag of Heroes”
2025	Photograph of Masimo CEO Joe Kiani with “Flag of Heroes”
2026	U.S. Patent No. 5,758,644
2027	December 5, 2008 Masimo Rainbow Sensor Substrate Drawing (current rainbow®) (Confidential)
2028	Characterization Station Results (Confidential)

Exhibit No.	Description
2029	Masimo Rainbow Sensor Finger Assembly Photograph, Top Side (current rainbow®)
2030	Masimo Rainbow Sensor Finger Assembly Photograph, Bottom Side (current rainbow®)
2031	Masimo Rainbow Research File, 2003 (Confidential)
2032	Masimo Rainbow Sensor Thermal Mass Drawing (current rainbow®) (Confidential)
2033	January 30, 2006 Masimo Rainbow Products System Design (Confidential)
2034 – 2050	RESERVED
2051	Declaration of Jack Goldberg (Confidential)
2052	<i>Curriculum Vitae</i> of Jack Goldberg
2053	Design of Pulse Oximeters, J.G. Webster; Institution of Physics Publishing, 1997
2054	Field Guide to Illumination, A. Arcchi et al., SPIE Press, 2007
2055	Fairchild Semiconductor Datasheet, 2001
2056	OSRAM BioMon Sensor Datasheet, 2016
2057	'127 Patent Claim Coverage Chart – Current Rainbow® Sensors (Confidential)
2058	'127 Patent Claim Coverage Chart – Early Rainbow® Sensors (Confidential)
2059	“Fine Ceramics for Electronics,” Kyocera, 2021

Exhibit No.	Description
2060	“Thermal Properties of Metals, Conductivity, Thermal Expansion, Specific Heat,” Engineers Edge, available at <a href="https://www.engineersedge.com/properties_of_metals.htm">https://www.engineersedge.com/properties_of_metals.htm</a>
2061	“Thermal Properties of Non-Metals,” Engineers Edge, available at <a href="https://www.engineersedge.com/heat_transfer/thermal_properties_of_nonmetals_13967.htm">https://www.engineersedge.com/heat_transfer/thermal_properties_of_nonmetals_13967.htm</a>
2062	“Metals – Specific Heats,” The Engineering ToolBox, available at <a href="https://www.engineeringtoolbox.com/specific-heat-metals-d_152.html">https://www.engineeringtoolbox.com/specific-heat-metals-d_152.html</a>
2063	“Heat Capacities for Some Select Substances,” University of Texas, available at <a href="https://gchem.cm.utexas.edu/data/section2.php?target=heat-capacities.php">https://gchem.cm.utexas.edu/data/section2.php?target=heat-capacities.php</a>
2064	“FR-4,” Wikipedia, available at <a href="https://en.wikipedia.org/wiki/FR-4">https://en.wikipedia.org/wiki/FR-4</a>
2065	“Talk:FR-4,” Wikipedia, available at <a href="https://en.wikipedia.org/wiki/Talk:FR-4">https://en.wikipedia.org/wiki/Talk:FR-4</a>
2066	“Thermal Conductivity of Solders,” Electronics Cooling, available at <a href="https://www.electronics-cooling.com/2006/08/thermal-conductivity-of-solders/">https://www.electronics-cooling.com/2006/08/thermal-conductivity-of-solders/</a>
2067	PCT Pub. No. WO 03/068060 (“Huiki”)
2068 – 2080	RESERVED
2081	Declaration of Micah Young (Confidential)
2082	Masimo Rainbow Sensor Revenue Excel Spreadsheet (Confidential)
2083	<i>Masimo Corp. et al. v. Apple Inc.</i> , August 18, 2021 Protective Order, ITC Inv. No. 337-TA-1276

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