UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD.; AND
SAMSUNG ELECTRONICS AMERICA, INC.,
Petitioner,

v.

OURARING, INC.,
Patent Owner

Case IPR2024-01078
U.S. Patent No. 10,281,953

PATENT OWNER'S UPDATED LIST OF EXHIBITS

Mail Stop **Patent Board**
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Exhibit No.	Description
2001	TIME, The Best Inventions of 2020 (Nov. 19, 2020) ("TIME 2020 Inventions")
2002	James Stables, Why the Oura Ring Gen 3 was our wearable of the year, Wareable (Dec. 22, 2022) ("Wareable 2022")
2003	Business Wire, On the Heels of 1 Million Rings Sold, Oura Now Valued at $2.55 Billion (Apr. 5, 2022) ("Business Wire 2022")
2004	U.S. Patent App. Pub. No. 2005/0062454 to Raghunath et al. ("Raghunath"
2005	U.S. Patent App. Pub. No. 2012/0293107 to Ajagbe ("Ajagbe")
2006	U.S. Patent App. Pub. No. 2013/0106603 to Weast et al. ("Weast")
2007	CN Patent Application No. 103109462 to Mastandrea et al. ("Mastandrea CN '462")
2008	Non-Final Office Action for U.S. App. No. 16/224,686 (Oct. 2, 2019) for '666 Patent
2009	Notice of Allowance for U.S. App. No. 18/323,385 (Nov. 15, 2023) for '178 Patent
2010	Response to Non-Final Office Action for U.S. App. No. 16/224,686 (Apr. 2, 2020) for '666 Patent
2011	Notice of Allowance for U.S. App. No. 16/224,686 (May 4, 2020) for '666 Patent
2012	George Lawton, Active vs. passive RFID tags: Which to choose, TechTarget ERP (Nov. 7, 2022) ("Lawton")
2013	U.S. Patent App. Pub. No. 2015/0277559 to Vescovi et al. ("Vescovi")t
2014	**RESERVED**
2015	**RESERVED**

Exhibit No.	Description
2016	**RESERVED**
2017	**RESERVED**
2018	Declaration of Dr. Patrick Mercier.
2019	Declaration of Andrew Clarke, CFA (**Outside Attorney's Eyes Only - Protective Order Material**)
2020	Deposition Transcript of Dr. Brian Anthony, Volume I, dated February 25, 2025
2021	Deposition Transcript of Dr. Brian Anthony, Volume II, dated February 25, 2025
2022	**RESERVED**
2023	Wikipedia - Printed Circuit Board (Dr. Anthony Depo. Ex. 4)
2024	Inv. No. 337-TA-1398 Evidentiary Hearing Transcript, Day 1, dated December 11, 2024 and Day 3, dated December 13, 2024 (**Outside Attorney's Eyes Only - Protective Order Material**)
2025	U.S. Patent No. 5,964,701 to Asada
2026	Coin Cell vs. Button Cell vs. Pouch Cell: Understanding the Differences
2027	Ultrahuman Air Ring Teardown Images
2028	RingConn Smart Ring Teardown Images
2029	Oura Ring Gen. 3 Tear Down Images
2030	Oura Ring Gen. 4 Tear Down Images

Exhibit No.	Description
2031	Capture from Go Inside Oura Ring Video
2032	Capture of Oura Ring Instagram Page Site
2033	The Motiv Ring User's Manual, available at https://mymotiv.com/static/assets/the-motiv-ring-users-manual.pdf
2034	Schematic, Oura Ring Gen. 1 (**Outside Attorney's Eyes Only - Protective Order Material**)
2035	Samsung Electronics Co., Ltd. Business Report for the Year Ended December 31, 2023
2036	Arjun Kharpal, Samsung launches the Galaxy Ring — a first-of-its-kind product for the tech giant, CNBC, available at: https://www.cnbc.com/2024/07/10/samsung-galaxy-ring-launch-price-specs-feature-availability.html
2037	Maria Diaz, Samsung unveils Galaxy Ring: Key features, price, and everything you need to know, Zdnet, available at: https://www.zdnet.com/article/samsung-unveils-galaxy-ring-key-features-price-and-everything-you-need-to-know
2038	Explore Galaxy Ring, Samsung US, available at: https://www.samsung.com/us/rings/galazy-ring/#health
2039	Galaxy Ring, Titanium Black, Size 11, available at: https://www.samsung.com/us/rings/galaxy-ring/buy/galaxy-ring-size-11-titanium-black-sm-q501nzkaxar/
2040	Oura Ring Privacy Policy Oura Health, Ouraring, available at: https://ouraring.com/privacy-policy
2041	**RESERVED**
2042	Oura Ring Terms. and Conditions, Ouraring, available at: https://ouraring.com/terms-and-conditions
2043	Oura Health Launches Oura Ring Generation 3, Business Wire, available at: https://www.businesswire.com/news/home/20211026005340/en/%C5%8CURA-Health-Launches-Oura-Ring-Generation-3

Exhibit No.	Description
2044	Oura Ring, About Us, Ouraring, available at: https://ouraring.com/about-us
2045	Oura Helping Millions of People Improve Their Health, Surpasses 2.5 Million Rings Sold, Business Wire, available at: https://www.businesswire.com/news/home/20240614157633/en/%C5%8CURA-Helping-Millions-of-People-Improve-Their-Health-Surpasses-2.5-Million-Rings-Sold
2046	Oura Homepage, available at: https://ouraring.com/
2047	The Origins and Evolution of Oura Ring, available at: https://ouraring.com/blog/history-of-oura/
2048	Maria Diaz, Samsung Galaxy Ring vs. Oura Ring: Which Wearable Should you buy?, Zdnet, available at: https://www.zdnet.com/article/samsung-galaxy-ring-vs-oura-ring-which-wearable-should-you-buy/
2049	Explore the Benefits of Oura: Smart Rings for Wellness, Why Oura, Ouraring, available at: https://ouraring.com/why-oura
2050	Arjun Kharpal, Smart ring leader Oura plans international push as CEO touts new features and thinking on hardware, CNBC, available at: https://www.cnbc.com/2024/11/14/oura-plans-international-expansion-tests-nutrition-and-ai-features.html
2051	Oura Ring Membership, Oura, available at: https://ouraring.com/membership
2052	Previous Oura Ring Generations, Oura Help, available at: https://support.ouraring.com/hc/en-us/articles/360025570153-Previous-Oura-Ring-Generations
2053	Software Updates for iOS, Oura Help, available at: https://support.ouraring.com/hc/en-us/articles/360025570013-Software-Updates-for-iOS
2054	Software Updates for Android, Oura Help, available at: https://support.ouraring.com/hc/en-us/articles/10470796678035-Software-Updates-for-Android

Exhibit No.	Description
2055	Introducing the New Oura Ring Generation 3, Oura The Pulse Blog, available at: https://ouraring.com/blog/oura-generation2-vs-generation3/
2056	Shop Oura, Ring Gen3: Choose your Style, Heritage, Silver, available at: https://ouraring.com/product/rings/oura-gen3/heritage/silver
2057	Shop Oura, Ring Gen3: Choose your Style, Horizon, Silver, available at: https://ouraring.com/product/rings/oura-gen3/horizon/silver
2058	Oura Ring 4 — everything we know so far about the next generation smart ring, Tom's Guide, available at: https://www.tomsguide.com/wellness/fitness-trackers/oura-ring-4
2059	Oura Ring 4, Oura Help, available at: https://support.ouraring.com/hc/en-us/articles/33045011508115-Oura-Ring-4
2060	Adrienne So, Review: Oura Ring 4, Wired, available at: https://www.wired.com/review/oura-ring-4/
2061	Shop Oura, Ring Gen4: Choose your Style, available at: https://ouraring.com/product/rings/oura-ring-4/silver
2062	Oura Ring 4 - Silver - Size 8 - Smart Ring - Size First with Oura Ring 4 Sizing Kit - Sleep Tracking Wearable - Heart Rate - Fitness Tracker - Up to 8 Days of Battery Life, Amazon, available at: https://www.amazon.com/Oura-Ring-Tracking-Wearable-Fitness/dp/B0D9WVSZ56/?th=1
2063	Oura Units and membership detail (May 2024) (**Outside Attorney's Eyes Only - Protective Order Material**)
2064	How to Use the Oura App, Oura Help, available at: https://support.ouraring.com/hc/en-us/articles/360058599753-How-to-Use-the-Oura-App
2065	Set Up the Oura App, Oura Help, available at: https://support.ouraring.com/hc/en-us/articles/360058634153-Set-Up-the-Oura-App
2066	What Makes the Oura Ring Different? Oura The Pulse Blog, available at: https://ouraring.com/blog/the-oura-difference/

Exhibit No.	Description
2067	Oura Launches Gen3 Ring, Monthly Subscription, Fitt Insider, available at: https://insider.fitt.co/oura-launches-gen3-ring-monthly-subscription/
2068	Michael Shirer, IDC Forecasts Continued Growth for Wearables But Growth Will Be Uneven Across Product Categories, IDC, available at: https://www.idc.com/getdoc.jsp?containerId=prUS52615024
2069	Smartwatch Market Size, Share & Industry Analysis, By Operating System (iOS, Android, and Others), By End-User (Male and Female), By Application (Running, Checking Notifications, Swimming, Cycling, and Others), and Regional Forecast, 2025-2032, Fortune Business Insights, available at: https://www.fortunebusinessinsights.com/smartwatch-market-106625
2070	Fitness Tracker Market Size, Share & Trends Analysis Report By Type, By Application, By Wearing Type, By Distribution Channel, By Region, And Segment Forecasts, 2025 - 2030, Research and Markets, available at: https://www.researchandmarkets.com/reports/5390580/fitness-tracker-market-size-share-and-trends
2071	Kate Kozuch, What is a smart ring and what can it do for you? Tom's guide, available at: https://www.tomsguide.com/wellness/fitness-trackers/what-is-a-smart-ring-and-what-can-it-do-for-you
2072	Introducing Galaxy Ring: Samsung's First Smart Ring, Samsung UK, available at: https://www.samsung.com/uk/mobile-phone-buying-guide/introducing-samsung-galaxy-ring/
2073	Smart Ring Market Size by Technology (Bluetooth, NFC), By Application (Health and Wellness, Payment, Data Transfer, Notification Scope and Forecast), Verified Market Research, available at: https://www.verifiedmarketresearch.com/product/global-smart-ring-market-size-and-forecast/
2074	Nina Raemont, The Best Smart Rings of 2025: Expert tested and reviewed, Zdnet, available at: https://www.zdnet.com/article/best-smart-ring/

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2075	Frederick Stanbrell, The Future of Smart Rings, IDC, available at: https://blogs.idc.com/2024/10/23/the-future-of-smart-rings/
2076	Jitesh Ubrani, Wearable Devices Market Insights, IDC, available at: https://www.idc.com/promo/wearablevendor
2077	Kalyani Raje, Smart Rings Market Report 2025 (Global Edition), Cognitive Market Research, available at: https://www.cognitivemarketresearch.com/smart-rings-market-report
2078	Victoria Song, This might be the year of the smart ring, The Verge, available at: https://www.theverge.com/2024/1/12/24034978/smart-ring-oura-ring-evie-ring-zepp-helio-ces-2024
2079	Smart Ring Market to Reach USD 1,405.1 Million by 2032 Report by DataHorizon Research, GlobeNewswire, available at: https://www.globenewswire.com/news-release/2023/10/27/2768392/0/en/Smart-Ring-Market-To-Reach-USD-1-405-1-Million-By-2032-Report-By-DataHorizzon-Research.html
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2082	Maria Diaz, Sorry, Oura and Samsung: Apple Ring reportedly 'imminent', Zdnet, available at: https://www.zdnet.com/article/sorry-oura-and-samsung-apple-ring-reportedly-imminent/
2083	About CCS Insight, CCS Insight, available at: https://www.ccsinsight.com/about-ccs-insight/
2084	Gillian Tan et al., Oura Health is Said in Talks for Funding at $800 Million Value, Bloomberg, available at: https://www.bloomberg.com/news/articles/2021-04-29/oura-health-is-said-in-talks-for-funding-at-800-million-value?embedded-checkout=true

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2085	Alexis McDowell, On the Heels of 1 Million Rings Sold, Oura Now Valued at $2.55 Billion, Businesswire, available at: https://www.businesswire.com/news/home/20220405006108/en/On-the-Heels-of-1-Million-Rings-Sold-Oura-Now-Valued-at-2.55-Billion
2086	Kate Brinks, Investments from Fidelity Management & Research Company and Dexcom bring ŌURA valuation to $5.2 billion, Businesswire, available at: https://www.businesswire.com/news/home/20241219533815/en/%C5%8CURA-Secures-200-Million-in-Series-D-Funding
2087	ŌURA Reaches Milestone of 600+ Partnerships and Integrations as It Builds a Large-Scale Ecosystem, Business Wire, available at: https://www.businesswire.com/news/home/20231130504304/en/
2088	Dexcom and ŌURA Announce Strategic Partnership, Dexcom, available at: https://investors.dexcom.com/news/news-details/2024/Dexcom-and-URA-Announce-Strategic-Partnership/default.aspx
2089	Elizabeth Ostertag, Oura, Samsung & More: The Smart Ring Era is Here, available at: https://athletechnews.com/oura-samsung-more-the-smart-ring-era-is-here/
2090	Athletech News About Us, Athletech, available at: https://athletechnews.com/about-us/
2091	Nina Raemont, We've entered the era of the smart ring. Here's why it will shake up the wearables market, available at: https://www.zdnet.com/article/weve-entered-the-era-of-the-smart-ring-heres-why-it-will-shake-up-the-wearables-market/
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2093	Carlton, Dennis W., and Jeffrey M. Perloff, *Modern Industrial Organization*, Fourth Edition, Pearson Education Limited, 2015.
2094	David Phelan, Oura Ring: CEO Talks Health, Fitness And the Challenge of Samsung's Galaxy Ring, Forbes, available at: https://www.forbes.com/sites/davidphelan/2024/08/09/oura-ring-

Exhibit No.	Description
	ceo-talks-health-fitness-and-the-challenge-of-samsungs-galaxy-ring/
2095	Yujin Roh and Sungjin Kim, Behind the Scenes of Galaxy Ring: Product Planning a Game Changer in Health Management, Samsung Newsroom U.S., available at: https://news.samsung.com/us/behind-the-scenes-of-galaxy-ring-product-planning-a-game-changer-in-health-management/
2096	Gwin, C. F., and Gwin, C. R., "Product Attributes Model: A Tool for Evaluating Brand Positioning," *Journal of Marketing Theory and Practice*, Vol. 11, No. 2, (Spring 2003): 30-42.
2097	Moorman, C., and Rust, R. T., "The Role of Marketing," *Journal of Marketing*, Vol. 63, Issue. 4, Suppl. 1. (October 1999): 180-197.
2098	Web Archive, Oura Ring Products Ring, July 10, 2024, Ouraring, available at: https://web.archive.org/web/20240710142034/https://ouraring.com/product/rings
2099	Victoria Song, Oura Ring Generation 3 review: a relationship for the long term, available at: https://www.theverge.com/22789248/oura-ring-3-review-sleep-tracker-fitness-tracker
2100	Talene Appleton, Oura Ring Gen3: We Tried It, and Here's Our Unfiltered Opinion, Men's Health, available at: https://www.menshealth.com/fitness/a44110211/oura-ring-review/
2101	Oura, Discover Oura's health, fitness, and sleep rings, Our, available at: https://www.ouraring.com/product/rings
2102	Kate Kozuch, Oura Ring 4 review: the new gold standard for smart rings, Tom's Guide, available at: https://www.tomsguide.com/wellness/fitness-trackers/oura-ring-4-review
2103	Samsung Electronics Co., Ltd. and Its Subsidiaries Consolidated Statements of Profit or Loss For the Years Ended December 31, 2020 and 2021
2104	Samsung Electronics Co., Ltd. and Its Subsidiaries Consolidated Statements of Profit or Loss For the Years Ended December 31, 2021 and 2022

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2105	Samsung Electronics Co., Ltd. and Its Subsidiaries Consolidated Statements of Profit or Loss For the Years Ended December 31, 2022 and 2023
2106	Samsung Electronics Co., Ltd. and Its Subsidiaries Interim Consolidated Statements of Profit or Loss For the Three- and Nine-Month Periods Ended September 30, 2023 and 2024
2107	FY22 USD Consolidated Income Statement (**Outside Attorney's Eyes Only - Protective Order Material**)
2108	FY23 USD Consolidated Income Statement (**Outside Attorney's Eyes Only - Protective Order Material**)
2109	FY24 USD Consolidated Income Statement (**Outside Attorney's Eyes Only - Protective Order Material**)
2110	Q1 FY25 USD Consolidated Income Statement (**Outside Attorney's Eyes Only - Protective Order Material**)
2111	Rings sold ALL TIME – Cumulative (**Outside Attorney's Eyes Only - Protective Order Material**)
2112	Gross Booked Walk (**Outside Attorney's Eyes Only - Protective Order Material**)
2113	Ultrahuman Marketing Graphics
2114	RingConn Marketing Graphics
2115	Pingu: Another User-friendly Interface Device 2012
2116	Initial Determination of the U.S. International Trade Commission on Validity of the ’178 patent (April 18, 2025)
2117	Merriam-Webster Definitions: Ring, Bracelet, Necklace, Band
2118	The Pulse Blog (Oura Team), Technology in Oura Ring Gen3 (Feb. 7, 2024) (“Pulse Blog 2024”)

Exhibit No.	Description
2119	Oura Website, Discover Oura's health, fitness, and sleep rings | Oura Ring 4 (Accessed May 9, 2025) ("Oura Gen 4 Web")
2120	Oura Ring Instagram Page, Instagram Post (Sept. 22, 2024) ("Oura Instagram 2024"
2121	How To Use Your Oura Charger
2122	4/18/2025 Initial Determination
2123	Notice of Final Determination
2124	Commission Opinion
2125	Complainant's Pre-hearing brief
2126	Respondents' Pre-hearing brief
2127	Staff Pre-hearing brief
2128	Complainant's Initial Post-hearing brief
2129	Respondents' Initial Post-hearing brief
2130	Complainant's Post-hearing responsive brief
2131	Respondents' Post-hearing responsive brief
2132	12/16/24 Hearing transcript
2133	12/17/24 Hearing transcript

Exhibit No.	Description
2134	Sept. 26, 2025 Ltr. From Members of Congress to Office of the USTR regarding Inv. No. 337-TA-1398
2135	Deposition Tr. of Mr. Michael Davies (**Outside Attorney's Eyes Only - Protective Order Material**)
2136	10-21-2025 Correspondence from USTR re Presidential Review
2137	Oura PTAB Demonstratives (IPR2024-01077, 1078) (**Outside Attorney's Eyes Only - Protective Order Material**)

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify that, on October 28, 2025, I caused a true and correct copy of PATENT OWNER'S UPDATED LIST OF EXHIBITS to be served via email to the following counsel for Petitioner:

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