

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

Samsung Electronics Co., Ltd.,
Petitioner,

v.

SiOnyx, LLC,
Patent Owner.

Case No. IPR2025-00165
Patent No. 9,905,599

**PETITIONER'S NOTICE OF FILING OF *MARKMAN* ORDER
AND UPDATED EXHIBIT LIST**

Pursuant to the Board’s authorization to file the order construing certain claim terms in the parallel matter of *In re Certain Sensors with Pixels and Products Containing the Same*, Inv. No. 337-TA-1403 (U.S.I.T.C.), Petitioner Samsung Electronics Co., Ltd. is hereby filing a copy of this order as Exhibit 1031.

UPDATED TABLE OF EXHIBITS

Exhibit	Description
1001	U.S. Patent No. 9,905,599 (the “’599 patent”)
1002	File History for U.S. Patent No. 9,905,599
1003	Declaration of Dr. Michael Lebby
1004	Curriculum Vitae of Dr. Michael Lebby
1005	Provisional Application No. 61/614,275 (’275 Provisional)
1006	Int’l Publication No. WO 2011/035188 A2 (Haddad188)
1007	U.S. Patent Application Publication No. 2012/0033119 (Shinohara)
1008	Japanese Patent Application Publication No. 2011-119558 (Mori)
1009	Certified English Translation of Japanese Patent Application Publication No. 2011-119558 (Mori)
1010	U.S. Patent No. 7,675,099 (Hwang)
1011	U.S. Patent No. 7,709,775 (Konno)
1012	Samsung’s Proposed Constructions, Inv. No. 337-TA-1403 (Aug. 27, 2024)
1013	SiOnyx’s Proposed Constructions, Inv. No. 337-TA-1403 (Aug. 27, 2024)
1014	Email from N. Subhedar re: Claim Construction M&C Follow-Up (Sept. 8, 2024)
1015	Joint Proposed Claim Construction Chart, Inv. No. 337-TA-1403 (Nov. 1, 2024)
1016	U.S. Patent Publication No. 2009/0160000 (Kim)
1017	E. Fred Schubert, LIGHT-EMITTING DIODES (2nd ed. 2006)
1018	Stanley Wolf, MICROCHIP MANUFACTURING (2004) (Excerpts)
1019	U.S. Patent Application Publication No. 2012/0025199 (Chen)
1020	U.S. Patent No. 8,288,836 (Oshiyama)

1021	Sadao Adachi, Optical Constants of Crystalline and Amorphous Semiconductors, Numerical Data and Graphical Information (1st Ed. 1999) (Excerpt)
1022	U.S. Patent No. 4,644,553
1023	George Hass & Calvin D. Salzberg, <i>Optical Properties of Silicon Monoxide in the Wavelength Region from 0.24 to 14.0 Microns</i> , Vol. 44 No. 3, JOURNAL OF THE OPTICAL SOCIETY OF AM., 181 (1954)
1024	F. Lopez & E. Bernabéu, <i>Refractive Index of Vacuum-Evaporated SiO Thin Films: Dependence on Substrate Temperature</i> , ELECTRONICS & OPTICS, 13 (1990)
1025	Japanese Patent Application Publication No. JP H11-330501 (Suzunaga)
1026	Certified English Translation of Japanese Patent Application Publication No. JP H11-330501 (Suzunaga)
1027	U.S. Provisional Patent Application No. 61/311,004 (the “004” Application)
1028	Japanese Patent Application Publication No. 2009-188316 (Yamada)
1029	Certified English Translation of Japanese Patent Application Publication No. 2009-188316 (Yamada)
1030	Gier et al., <i>Controlling the optical properties of hafnium dioxide thin films deposited with electron cyclotron resonance ion beam deposition</i> , THIN SOLID FILMS 771 (2023)
1031	Order No. 36: Construing Certain Claim Terms in parallel matter of <i>In re Certain Sensors with Pixels and Products Containing the Same</i> , Inv. No. 337-TA-1403 (U.S.I.T.C.)

Date: March 12, 2025

Respectfully submitted,

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CERTIFICATE OF SERVICE

Pursuant to 37 C.F.R. § 42.6, I hereby certify that the foregoing Petitioner's Notice of Filing of *Markman* Order and Updated Exhibit List, together with Exhibit 1031, was served by electronic mail on the following counsel of record for patent owner:

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