UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG DISPLAY CO., LTD.,

Petitioner,

v.

PICTIVA DISPLAYS INTERNATIONAL LIMITED

Patent Owner.

Case No. IPR2024-01093
Patent No. 8,723,164

PATENT OWNER PICTIVA DISPLAYS INTERNATIONAL LTD.'S UPDATED EXHBIIT LIST

UPDATED EXHIBIT LIST

EX No.	Document Description
EX2001	Declaration of Dr. Marc Sims
EX2002	Dictionary definition of "matrix" from online version for A Dictionary of Chemistry (6th ed.), Oxford University Press (2008), available from https://www.oxfordreference.com/display/10.1093/acref/9780199204632.001.0001/acref-9780199204632-e-2628?rskey=JZee15&result=2921 (last access Oct. 25, 2024)
EX2003	Dictionary definition of "matrix" from Merriam-Webster's Collegiate Dictionary (11th ed.), Merriam-Webster, Incorporated (2007)
EX2004	Dictionary definition of "matrix" from Cambridge Advanced Learner's Dictionary, Cambridge University Press (2003)
EX2005	Samsung Proposed Claim Constructions for the Terms and Phrases Identified for Construction per Local Patent Rule 4-2 in *Pictiva Displays Int'l Ltd. v. Samsung Electronics Co. Ltd., et al.*, Case No. 2:23-cv-000495 (E.D. Tex. Oct. 22, 2024)
EX006	Harald Gross et al., *High Power Efficiencies at Record Lifetimes: NOVALED's PIN-OLEDs*, FPD Yokohama 2005 (obtained from IPR2024-01095)
EX2007	B.C. Krummacher et al., *General method to evaluate substrate surface modification techniques for light extraction enhancement of organic light emitting diodes*, 100 J. Appl. Phys. 054702 (2006)
EX2008	Chelsea M. Hess et al., *Dielectric Dependence of Single-Molecule Photoluminescence Intermittency: Nile Red in Poly(vinylidene fluoride)*, 118 J. Phys. Chem. 8905-8913 (2014)
EX2009	E. H. Martin & J. Hirsch, *Charge Transport and Carrier Mobilities in Insulating Polymers*, 4 J. Non-Crystalline Solids 133-137 (1970)
EX2010	Ying Wang et al., *Hole mobility and conductance of iridium complex doped NPB emission layers for organic light-emitting diodes*, 244 Synthetic Metals 61-65 (2018)
EX2011	WO2002/074015 to Thompson & Forrest ("Thompson WO")

EX No.	Document Description
EX2012	Dictionary definition of "matrix" from A Dictionary of Chemistry (5th ed.), Oxford University Press (2004)
EX2013	Dictionary definition of "matrix" from Chambers Dictionary of Science and Technology, Chambers (2007)
EX2014	Federal Court Management Statistics for U.S. District Courts, available from https://www.uscourts.gov/statistics/table/na/federal-courtmanagement-statistics/2024/06/30-1
EX2015	Samsung Invalidity Contentions in *Pictiva Displays Int'l Ltd. v. Samsung Electronics Co. Ltd., et al.*, Case No. 2:23-cv-000495 (E.D. Tex. Jun. 11, 2024)
EX2016	Declaration of Dr. E. Fred Schubert in Pictiva Displays Int'l Ltd. v. Samsung Electronics Co. Ltd., et al., Case No. 2:23-cv-000495 (E.D. Tex. Nov. 12, 2024) on behalf of real parties-in-interest
EX2017	2024-12-09 Email from Samsung to Pictiva re "IPR2024-01095 – Stipulation"
EX2018	Deposition Transcript of Dr. Schubert with Ex. 1 of the deposition (Schubert Declaration) and Ex. 9 of the deposition (Sugiura reference)
EX2019	[UNDER SEAL] Declaration of Dr. Marc Sims (submitted with Patent Owner Response)
EX2020	Deposition Transcript of Dr. Russell J. Holmes, April 18, 2025
EX2021	Yuanmin Wang *et al*., *Green to white to blue OLEDs by using PBD as a chromaticity-tuning layer*, Science Direct, Displays 25 (2004) 237–239
EX2022	Y.B. Yoon *et al., Electroluminescence Mechanism for the Efficiency Enhancement and the Color Stabilization of Yellow Organic Light-Emitting Devices with a Mixed Layer*, Mol. Cryst. Liq. Cryst., Vol. 459, pp. 3/[283]–10/[290], 2006
EX2023	Venla M. Manninen *et. al., Synthesis and characterization of tris-(5-amino-8-hydroxyquinoline)aluminum complexes and their use as anode buffer layers in inverted organic solar cells*, J. Mater. Chem., 2012, 22, 22971

EX No.	Document Description
EX2024	US7,911,129 issued to Hofmann, Mar. 22, 2011
EX2025	Deposition Transcript of Barry P. Rand, Ph.D., Apr. 3, 2025
EX2026	Gufeng He *et al*., *Very high-efficiency and low voltage phosphorescent organic light-emitting diodes based on a p-i-n junction*, J. Appl. Phys. 95, 5773-5777 (2004)
EX2027	US6,303,238 issued to Thompson, Oct. 16, 2001
EX2028	Joint Claim Construction Chart, Ex. 1, Doc #161-1, Case 2:23-cv-00495
EX2029	Forrest *et al*., US Publication No. 2008/0116536 A1, published May 22, 2008
EX2030	US9,403,849 issued to Stoessel, Aug. 2, 2016
EX2031	[UNDER SEAL] Excerpts from Expert Report of Dr/ Ioannis Kymissis Regarding Validity of U.S. Patent Nos. 8,558,223 and 8,723,164
EX2032	Memorandum Claim Construction Opinion and Order in *Pictiva Displays International Ltd. V. Samsung Electronics Co., Ltd*., 2:23-cv-495 (E.D. Tex. June 27, 2025)
EX2100	US10,333,070 issued to Thompson, Jun. 25, 2019
EX2101	US8,679,647 issued to Pflumm, Mar. 25, 2014
EX2102	US10,586,926 issued to Hartmann, Mar. 10, 2020
EX2103	US8,119,037 issued to Zeika, Feb. 21, 2012
EX2104	US8,212,245 issued to Birnstock, Jul. 3, 2012

Dated: July 2, 2025

Respectfully submitted,

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CERTIFICATE OF SERVICE

I hereby certify, pursuant to 37 C.F.R. section 42.6, that on July 2, 2025, copies of **PATENT OWNER PICTIVA DISPLAYS INTERNATIONAL LIMITED'S UPDATED EXHIBIT LIST** and **EX2032** served upon the following, by ELECTRONIC MAIL:

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