IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

SAMSUNG DISPLAY CO., LTD.,
Petitioner,

v.

PICTIVA DISPLAYS INTERNATIONAL LTD.,
Patent Owner.

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

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# PETITIONER'S NOTICE OF FILING EXHIBIT 1028 AND UPDATED EXHIBIT LIST

## UPDATED TABLE OF EXHIBITS

| Exhibit No. | Description |
|---|---|
| 1001 | U.S. Patent No. 8,723,164 |
| 1002 | File History for U.S. Patent No. 8,723,164 |
| 1003 | Declaration of Dr. Russell Holmes |
| 1004 | U.S. Patent Application Publication No. 2007/0069636 (Choulis) |
| 1005 | Japanese Published Application No. 2001/110568 (Sugiura) |
| 1006 | Certified English Translation of Japanese Published Application No. 2001/110568 (Sugiura) |
| 1007 | U.S. Patent Application Publication No. 2004/0155238 (Thompson) |
| 1008 | Chinese Published Application No. 1,582,073 (Yong) |
| 1009 | Certified English Translation of Chinese Published Application No. 1,582,073 (Yong) |
| 1010 | H.Y. Kang and C.H. Lee, *Electroluminescence Properties of Organic Light-Emitting Diodes with a Red Dye Doped into Alq3: Rubrene Mixed Host*, 45(3) J. Korean Physical Soc'y 756–760 (Sept. 2004) (Kang) |
| 1011 | Wenbo Li et al., *Organic Long-Persistent Luminescence from a Thermally Activated Delayed Fluorescence Compound*, 32 Adv. Mater. 2003911 (2020) (Li) |
| 1012 | Chaoxing Wu et al., *Efficient tristable resistive memory based on single layer graphene/insulating polymer multi-stacking layer*, 104 Appl. Phys. Lett. 183105 (2014) (Wu) |
| 1013 | U.S. Patent Publication No. 2008/0116536 (Forrest) |
| 1014 | INTENTIONALLY LEFT BLANK |
| 1015 | Sung Hyun Kim et al., *Relationship between host energy levels and device performances of phosphorescent organic light-emitting diodes with triplet mixed host emitting structure*, 91 Appl. Phys. Lett. 083511 (2007) |
| 1016 | R.J. Holmes et al., *Efficient, deep-blue organic electrophosphorescence by guest charge trapping*, 83 Appl. Phys. Lett. 3818–3820 (2003) |

| Exhibit No. | Description |
|---|---|
| 1017 | X.H. Yang and D. Neher, *Polymer electrophosphorescence devices with high power conversion efficiencies*, 84 Appl. Phys. Lett. 2476–2478 (2004) |
| 1018 | Stelios A. Choulis et al., *The effect of interfacial layer on the performance of organic light-emitting diodes*, 87 Appl. Phys. Lett. 113503 (2005) |
| 1019 | INTENTIONALLY LEFT BLANK |
| 1020 | INTENTIONALLY LEFT BLANK |
| 1021 | Zoran D. Popovic and Hany Aziz et al., *Reliability and Degradation of Small Molecule-Based Organic Light-Emitting Devices (OLEDs)*, VOL. 8, NO. 2 IEEE Journal on Selected Topics in Quantum Electronics 362 (2002) |
| 1022 | Stelios A. Choulis et al., *Highly efficient organic electroluminescent device with modified cathode*, 88 Appl. Phys. Lett. 203502 (2006) |
| 1023 | S. Ouro Djobo et al., *Poly(N-vinylcarbazole) (PVK) deposited by evaporation for light emitting diodes thin films structures*, 122 Metals 131–133 (2001) |
| 1024 | Yuji Hamada et al., *Red organic light-emitting diodes using an emitting assist dopant*, 75 Appl. Phys. Lett. 1682–1684 (1999) |
| 1025 | Hiroshi Kanno et al., *White Stacked Electrophosphorescent Organic Light-Emitting Devices Employing MoO3 as a Charge-Generation Layer*, 18 Adv. Mater. 339–342 (2006) |
| 1026 | Docket Control Order, *Pictiva Displays International Ltd. v. Samsung Electronics Co., Ltd., et al.*, Case No. 2:23-cv-00495, Dkt. #40 (E.D. Tex. Apr. 17, 2024) |
| 1027 | Stipulation made by Defendants in Pictiva Displays Int'l Ltd. v. Samsung Elecs. Co., No. 2:23-cv-0495 (E.D. Tex.) |
| 1028 | Curriculum Vitae of Dr. Russell J. Holmes |

Date: May 1, 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 Updated Exhibit List and Exhibit 1028, were served by electronic mail on the following counsel of record for patent owner:

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