

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SAMSUNG DISPLAY CO., LTD; SAMSUNG ELECTRONICS CO., LTD.; and  
SAMSUNG ELECTRONICS AMERICA, INC.,  
Petitioner

v.

POLARIS POWERLED TECHNOLOGIES, LLC,  
Patent Owner

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Case IPR2023-00771  
U.S. Patent No. 7,259,521

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**PATENT OWNER’S UPDATED EXHIBIT LIST**

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

Patent Owner, Polaris PowerLED Technologies, LLC (“Patent Owner”),  
serves this Updated Exhibit List to accompany service of Exhibit 2018, Patent  
Owner’s Demonstratives for Oral Argument.

**PATENT OWNER’S UPDATED EXHIBIT LIST**

| <b>Exhibit No.</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                           |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2001</b>        | Declaration of Thomas L. Credelle                                                                                                                                                                                                                                                                                            |
| <b>2002</b>        | <i>Curriculum Vitae</i> of Thomas L. Credelle                                                                                                                                                                                                                                                                                |
| <b>2003</b>        | R. Dawson, et al., “The impact of the transient response of organic light emitting diodes on the design of active matrix OLED displays,” IEEE ELEC. DEV. MTG. DIGEST (1998) (“Dawson”)                                                                                                                                       |
| <b>2004</b>        | Declaration of Andrew G. Hamill in Support of Motion for <i>Pro Hac Vice</i> Admission                                                                                                                                                                                                                                       |
| <b>2005</b>        | Kim et al., “A 10-bit Linear R-string DAC Architecture for Mobile Full HD AMOLED Driver ICs,” SID DIGEST OF TECHNICAL PAPERS (2013)                                                                                                                                                                                          |
| <b>2006</b>        | Excerpts from Cristaldi, Liquid Crystal Display Drivers, Springer (2009)                                                                                                                                                                                                                                                     |
| <b>2007</b>        | Excerpts from Tusujimura, OLED Displays, Fundamentals and Applications, Wiley (2012)                                                                                                                                                                                                                                         |
| <b>2008</b>        | Introduction to DDIC (Display Driver IC), Utmel Electronic, accessible at <a href="https://www.utmel.com/blog/categories/integrated%20circuit/introduction-to-ddic-display-driver-ic">https://www.utmel.com/blog/categories/integrated%20circuit/introduction-to-ddic-display-driver-ic</a> (last accessed January 22, 2024) |
| <b>2009</b>        | AMOLED DDIC-SR6541, Square Route, accessible at <a href="https://squareroute.co.jp/square-route/amoled-ddic-sr6541/">https://squareroute.co.jp/square-route/amoled-ddic-sr6541/</a> (last accessed January 22, 2024)                                                                                                         |

| <b>Exhibit No.</b> | <b>Description</b>                                                                                                                         |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>2010</b>        | Onoyama, “0.5-inch XGA Micro-OLED Display on a Silicon Backplane with High-Definition Technologies,” SID Digest of Technical Papers (2012) |
| <b>2011</b>        | Second Declaration of Thomas L. Credelle                                                                                                   |
| <b>2012</b>        | Transcript of January 19, 2024 Deposition of Alex Z. Kattamis, Ph.D., P.E.                                                                 |
| <b>2013</b>        | Supplemental Declaration of Thomas L. Credelle ( <i>served not filed</i> )                                                                 |
| <b>2014</b>        | Complete copy of Cristaldi, Liquid Crystal Display Drivers, Springer (2009) (EX2006) ( <i>served not filed</i> )                           |
| <b>2015</b>        | Complete copy of Tusujimura, OLED Displays, Fundamentals and Applications, Wiley (2012) ( <i>served not filed</i> )                        |
| <b>2016</b>        | Supplemental Declaration of Andrew G. Hamill ( <i>served not filed</i> )                                                                   |
| <b>2017</b>        | Transcript of June 4, 2024 Deposition of Alex Z. Kattamis, Ph.D., P.E.                                                                     |
| <b>2018</b>        | Patent Owner’s Demonstratives for Oral Argument                                                                                            |

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX PLLC

/Jason A. Fitzsimmons/

Jason A. Fitzsimmons  
Registration No. 65,367  
Attorney for Patent Owner

Date: July 11, 2024

1101 K Street NW, 10<sup>th</sup> Floor  
Washington, DC, 20005  
(202) 371-2600

**CERTIFICATE OF SERVICE (37 C.F.R. § 42.6(e))**

I certify that the above-captioned **PATENT OWNER'S UPDATED EXHIBIT LIST** and associated Exhibit 2018 were served in their entireties on July 11, 2024, upon the following parties via electronic mail:

Eliot D. Williams (Lead Counsel)  
Neil Sirota (Back-up Counsel)  
Mark Oda (Back-up Counsel)  
Lance Goodman (Back-up Counsel)  
BAKER BOTTS L.L.P.  
[eliot.williams@bakerbotts.com](mailto:eliot.williams@bakerbotts.com)  
[neil.sirota@bakerbotts.com](mailto:neil.sirota@bakerbotts.com)  
[mark.oda@bakerbotts.com](mailto:mark.oda@bakerbotts.com)  
[lance.goodman@bakerbotts.com](mailto:lance.goodman@bakerbotts.com)

William M. Fink (Back-up Counsel)  
Benjamin Haber (Back-up Counsel)  
O'MELVENY & MYERS LLP  
[tfink@omm.com](mailto:tfink@omm.com)  
[bhaber@omm.com](mailto:bhaber@omm.com)

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX PLLC

/Jason A. Fitzsimmons/

Jason A. Fitzsimmons  
Registration No. 65,367  
Attorney for Patent Owner

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1101 K Street NW, 10<sup>th</sup> Floor  
Washington, DC, 20005  
(202) 371-2600