UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INNOLUX CORPORATION
Petitioner

v.

PATENT OF SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
Patent Owner

CASE IPR2013-00065
PATENT 7,923,311

RESPONSE OF THE PATENT OWNER

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EXHIBIT LIST

Previously filed

Exhibit 2001 – Complaint, *Semiconductor Energy Laboratory Co., Ltd. v. Chimei Innolux Corp., et al.*, Case No. SACV 12-0021-JST (C.D. Cal).

Exhibit 2002 – Defendants' Motion to Stay Litigation Pending Outcome of Inter Partes Review, *Semiconductor Energy Laboratory Co., Ltd. v. Chimei Innolux Corp., et al.*

Exhibit 2003 – Supplemental Declaration of Gregory S. Cordrey in Support of Defendants' Motion for Stay, *Semiconductor Energy Laboratory Co., Ltd. v. Chimei Innolux Corp., et al.*

Exhibit 2004 – Defendants' Reply in Support of their Motion to Stay, *Semiconductor Energy Laboratory Co., Ltd. v. Chimei Innolux Corp., et al.*

Exhibit 2005 – Defendant Westinghouse Digital's Notice of Joinder, *Semiconductor Energy Laboratory Co., Ltd. v. Chimei Innolux Corp., et al.*

Exhibit 2006 – '311 Patent Prosecution History Excerpt - Prior Art considered by the Office

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Exhibit 2007 – Blank

Exhibit 2008 – Chun-sung Chiang, Chun-ying Chen, and Jerzy Kanicki, "Investigation of Intrinsic Channel Characteristics of Hydrogenated Amorphous Silicon Thin-Film Transistors by Gated-Four-Probe Structure," Applied Physics Letters, Vol. 72, No. 22, pp. 2874-2876 (1998)

Exhibit 2009 –U.S. Patent No. 5,270,567 to Mori annotated by Dr. Kanicki

Exhibit 2010 – Chun-ying Chen and Jerzy Kancicki, "High Field-Effect-Mobility a-Si:H TFT Based on High Deposition-Rate PECVD Materials," IEEE Electron Device Letters, Vol. 17, No. 9, pp. 437-439 (1996)

Exhibit 2011 – Declaration of Alex Z. Kattamis, Ph.D.

Exhibit 2012 - Willem den Boer, "Active Matrix Liquid Crystal Displays," Elsevier, Chapter 2, pp. 23-48 (2005).

Exhibit 2013 - Wang et al., "Cu/CuMg Gate Electrode for the Application of Hydrogenated Amorphous Silicon Thin-Film Transistors," Electrochem. Solid-State Lett. Vol. 10 No. 8, pp. J83-J85 (2007).

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Exhibit 2017 - Kuo et al., "Advanced Multilayer Amorphous Silicon Thin-Film Transistor Structure: Film Thickness Effect on Its Electrical Performance and Contact Resistance," Jpn. J. Appl. Phys. Vol. 47, No. 5, pp. 3362–3367 (2008)

Exhibit 2018 – C. van Berkel, "Amorphous-Silicon Thin-Film Transistors: Physics and Properties, in Amorphous and Microcrystalline Semiconductor Devices," Vol. 2 edited by J. Kanicki, Artech House, pp. 397-447(1992).

Exhibit 2019 – Chiang et al., "Electrical Instability of Hydrogenated Amorphous Silicon Thin-Film Transistors for Active-Matrix Liquid-Crystal Displays," Jpn. J. Appl. Phys. Vol. 37 pp. 4704-4710 (1998)

Exhibit 2020 – Transcript of Videotaped Deposition of Jerzy Kanicki

Exhibit 2021 – U.S. Patent No. 6,104,042 to Wen-Jyh Sah

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