

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INNOSCIENCE (ZHUHAI) TECHNOLOGY COMPANY, LTD.,
AND
INNOSCIENCE AMERICA, INC.,
Petitioner,

v.

EFFICIENT POWER CONVERSION CORPORATION,
Patent Owner

Case No. IPR2023-01384
U.S. Patent 10,312,335

PETITIONER'S UPDATED EXHIBIT LIST

Further to 37 C.F.R. § 42.63(e), Petitioner hereby submits a current listing of its exhibits to counsel for Patent Owner. Exhibit 1033 was filed on P-TACTS and served via email to counsel of record for the Patent Owner.

| Exhibits | Description |
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| Ex. 1001 | U.S. Patent No. 10,312,335 B2 to Cao et al. (“the ’335 patent”) |
| Ex. 1002 | Prosecution History of the ’335 patent |
| Ex. 1003 | Declaration of Dr. James Richard Shealy (“Shealy”) |
| Ex. 1004 | Curriculum Vitae of Dr. James Richard Shealy |
| Ex. 1005 | Japanese Patent Publication No. JP H11-261053 to Yoshida |
| Ex. 1006 | Certified Translation of Japanese Patent Publication No. JP H11-261053 to Yoshida (“Yoshida”) |
| Ex. 1007 | U.S. Patent Application Publication No. US 2006/0108606 A1 to Saxler et al. (“Saxler”) |
| Ex. 1008 | U.S. Patent Application Publication No. US 2007/0007547 A1 to Beach (“Beach”) |
| Ex. 1009 | R.V. Shenoy and M. Datta, <i>Effect of Mask Wall Angle on Shape Evolution during Through-Mask Electrochemical Micromachining</i> , 143 J. Electrochemical Soc’y, pp. 544-549 (1996) (“Shenoy”) |
| Ex. 1010 | U.S. Patent No. 5,905,274 to Ahn et al. (“Ahn”) |
| Ex. 1011 | U.S. Patent Application Publication No. US 2010/0258843 A1 to Lidow et al. (“Lidow”) |
| Ex. 1012 | U.S. Patent No. 9,748,347 to Cao et al. (“the ’347 patent”) |
| Ex. 1013 | Prosecution History of the ’347 patent |
| Ex. 1014 | Chua Xu et al., <i>The Leakage Current of the Schottky Contact on the Mesa Edge of AlGaIn/GaN Heterostructure</i> , 28 IEEE Electron Device Letters, pp. 942-944 (2007) (“Xu”) |
| Ex. 1015 | U.S. Patent Application Publication No. US 2002/0066908 A1 to Smith (“Smith”) |
| Ex. 1016 | U.S. Patent Application Publication No. US 2006/0273347 A1 to Hikita et al. (“Hikita”) |
| Ex. 1017 | U.S. Patent Application Publication No. US 2009/0072272 A1 to Suh et al. (“Suh”) |
| Ex. 1018 | X. Hu et al., <i>Enhancement mode AlGaIn/GaN HFET with selectively grown pn junction gate</i> , 36 Electronics Letters, pp. 753-754 (2000) (“Hu”) |

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| Ex. 1019 | U.S. Patent Application Publication No. US 2005/0087763 A1 to Kanda et al. (“Kanda”) |
| Ex. 1020 | Yasushiro Uemoto et al., <i>A Normally-off AlGaIn/GaN Transistor with $R_{on}A=2.6\Omega\text{cm}^2$ and $BV_{ds}=640\text{V}$ Using Conductivity Modulation</i> , 2006 International Electron Devices Meeting, IEEE (2006) (“Uemoto”) |
| Ex. 1021 | U.S. Patent Application Publication No. US 2006/0019435 A1 to Sheppard et al. (“Sheppard”) |
| Ex. 1022 | Order Granting Defendants’ Unopposed Motion for Stay Pending ITC Proceeding, Case No. 2:23-cv-04026-AB-AS, Central District of California (July 27, 2023) |
| Ex. 1023 | Dietrich W. Widmann, <i>Metallization for Integrated Circuits Using a Lift-Off Technique</i> , 11 IEEE Journal of Solid-State Circuits, pp. 466-471 (1976) (“Widmann”) |
| Ex. 1024 | Reserved |
| Ex. 1025 | Declaration of Kelley Hayes Greenhill |
| Ex. 1026 | Declaration of Shauna Wiest |
| Ex. 1027 | International Publication No. WO 2005/057624 to Beach, published June 23, 2005 (“Beach-IP”) |
| Ex. 1028 | Petitioner and Complainant’s Proposed Claim Construction, ITC 337-TA-1366 |
| Ex. 1029 | C. S. Suh et al., “p-GaN/AlGaIn/GaN Enhancement-Mode HEMTs, 2006 64th Device Research Conference, June 2006, pp. 163-164 (“Suh 2006”) |
| Ex. 1030 | Excerpt of the Declaration of Dr. Eric Fred Schubert in Support of Complainant’s Opening Claim Construction Brief, <i>In the Matter of Certain Semiconductor Devices, and Methods of Manufacturing Same and Products Containing the Same</i> , ITC Investigation No. 337-TA-1366 |
| Ex. 1031 | Excerpt of Complainant’s Supplemental Responses to Respondents’ Supplemental Invalidity Contentions, <i>In the Matter of Certain Semiconductor Devices, and Methods of Manufacturing Same and Products Containing the Same</i> , ITC Investigation No. 337-TA-1366 |
| Ex. 1032 | Hand drawing from Deposition of Dr. James R. Shealy, May 16, 2024 |
| Ex. 1033 | Petitioner’s Demonstratives |

Dated: January 3, 2025

By: /Lionel M. Lavenue/
Lionel M. Lavenue, Lead Counsel
Reg. No. 46,859

CERTIFICATE OF SERVICE

The undersigned hereby certifies that the foregoing **Petitioner's Updated Exhibit List and Exhibit 1033** were served on January 3, 2025, via email directed to counsel of record for the Patent Owner at the following:

Walter D. Davis, Jr.
walter.davis@blankrome.com

Dipu Doshi
dipu.doshi@blankrome.com

Mark F. Mashack
mark.mashack@blankrome.com

Stephen Soffen
stephen.soffen@blankrome.com

Cory R. Edwards
cory.edwards@blankrome.com

Ameya V. Paradkar
arun.paradkar@blankrome.com

Jonathan England
jonathan.england@blankrome.com

EPCC-Inno-IPRS@blankrome.com

Dated: January 3, 2025

By: /Lisa C. Hines/
Lisa C. Hines
Case Manager
FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, LLP