

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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**ROHM SEMICONDUCTOR USA, LLC,**  
Petitioner

v.

**MAXPOWER SEMICONDUCTOR, INC.,**  
Patent Owner

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Case IPR2020-01677; U.S. Patent No. 8,659,076

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**PATENT OWNER'S EXHIBIT LIST**

MaxPower POR Exhibit List  
ROHM v. MaxPower  
IPR2020-01677

### List of Exhibits

Exhibit	Description
2001	Declaration of Mohamed Darwish
2002	Development and Stock Purchase Agreement between MaxPower and ROHM, dated Oct. 21, 2007
2003	Technology License Agreement between MaxPower and ROHM, dated Oct. 21, 2007
2004	Letter Agreement between MaxPower and ROHM, dated April 16, 2009
2005	Amendment to Technology License Agreement between MaxPower and ROHM, dated May 10, 2010
2006	Second Amendment to Technology License Agreement between MaxPower and ROHM, dated Dec. 13, 2011
2007	Supplemental Declaration of Mohamed Darwish
2008	Declaration of Giorgio Riga
2010	ROHM royalty report, redacted
2011	PCIM article – ROHM 1200V SiC Trench Devices
2012	IEEE article – Applications of SEM paper
2021	US application publication 20080073707
2026	B.J. Baliga, <i>Modern Power Devices</i> (Krieger Pub. Co., 1987), pp. 127-129
2040	Gary Dolny CV
2042	CMOS Wikipedia
2043	Northwestern, webpage, CMOS
2044	VA Tech – Power Elecs. Curriculum
2045	B.J. Baliga, <i>Power Semiconductor Devices</i> (PWS Publishing Company 1996), p. x
2050	Williams, et al. “Trench Power MOSFET – History ...,” IEEE Transactions on Electron Devices, Vol. 64, No. 3, March 2017, pp. 674-692
2056	S.K. Ghandhi, <i>Semiconductor Power Devices</i> , (John Wiley & Sons 1977), Chapter 2, §2.5.4 “Field Plate Structures,” pp. 66-70
2057	B.J. Baliga, <i>Power Semiconductor Devices</i> (PWS Publishing Company 1996), Chapter 3, §3.6.4 “Field Plates,” pp. x, 100-102
2058	B.J. Baliga, <i>Fundamentals of Power Semiconductor Devices</i> (Springer Science & Business Media 2008), pp. 91-92

2059	B.J. Baliga, <i>Fundamentals of Power Semiconductor Devices</i> (Springer Science & Business Media 2008), pp. 9; 284-286; 358-359
2062	Hutter, et al., U.S. Patent # 4,980,747 (1990)
2063	Kim, TS-LDMOS paper, IEDM 2001
2064	S. Wolf, <i>Silicon Processing for the VLSI ERA—Vol 2</i> (Lattice Press 1990), pp. 540-543.
2065	G. Neudeck, <i>Vol. II, The PN Junction Diode</i> (Addison Wesley Publishing Co. 1983), pp. 15-28.
2066	See J. Ruzyllo, <i>Semiconductor Glossary</i> (Prosto LLC Publishing, 2004), pp. 15, 68
2068	Declaration of Gary Dolny In Support of Non-Obviousness of MaxPower '076
2069	Third Declaration of Mohamed Darwish re Secondary Indicia of Non-Obviousness
2071	U.S. Patent No. 7,843,004
2072	U.S. Patent No. 8,067,719
2073	U.S. Patent No. 8,476,025
2075	Biography of Mohamed Darwish; qualifications to testify
2076	B.J. Baliga, <i>Modern Power Devices</i> (Krieger Pub. Co., 1987), pp. xiv, 339-340, section 6.11 “Trends”
2077	Email from SystemPlus Consulting to M. Darwish dated 8/23/2018
2078	SystemPlus Consulting Data Sheet, "RohmSiCMOSFET Gen3" A
2079	SystemPlus Consulting, "RohmSiCMOSFET Gen3" B
2080	SystemPlus Consulting "Rohm SiC MOSFET" Report
2081	Nakamura, Nakano, et al., ROHM Co. Ltd., "1200V 4H-SiC Trench Devices," PCIM International Conference, May 20-22, 2014
2082	USP 9812537 to Nakano, assigned to ROHM Co., Ltd.
2083	ROHM's 2012 “New Product Bulletin” for “40V Power MOSFETs for DC/DC Converters
2084	ROHM's 2012 publication “30V Power MOSFETs for DC/DC Converters Broad lineup offers industry-leading switching performance.”
2085	USP 6,117,735 to Ueno (SiC MOSFET)

2086	ROHM Catalog, MOSFET Key, p. 190
2087	Redacted 2019 Q2 Royalty Report
2088	Siemieniec Publication
2089	Nakamura 2011
2090	7000 Riga 35381A compressed
2091	ROHM Catalog, p. 151
2092	USP5506421 to Palmour
2093	6-18-2008 FR Excerpts Redacted
2094	1-10-2009 FR Excerpts Redacted
2095	2-22-2011 FR Excerpts Redacted
2096	ROHM 2012 News Release
2097	Riga TLA1 35443 compressed
2098	Riga TLA2 35445 compressed
2099	Riga TLA3 35446 compressed
2100	Riga TLA1 35444 compressed
2101	Riga TLA2 35447 compressed
2102	Meta data for ROHM 8-6-2008 presentation
2103	MaxPower 8-6-2008 presentation

**CERTIFICATE OF SERVICE**

The undersigned certifies, in accordance with 37 C.F.R. §42.6(e), that the following documents are being served on petitioner:

A copy of the foregoing updated PATENT OWNER'S EXHIBIT LIST, and  
EXHIBIT NUMBERS: 2068, 2072

*Date of service* July 12, 2021

*Manner of service* By e-mail, per agreement

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