Filed on behalf of: Nichia Corporation	Paper
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By: Martin M. Zoltick, Lead Counsel Date filed: January 18, 2019

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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## BEFORE THE PATENT TRIAL AND APPEAL BOARD

VIZIO, INC., Petitioner,

v.

NICHIA CORPORATION, Patent Owner.

Case IPR2018-00437 Patent 9,537,071

PATENT OWNER'S EXHIBIT LIST (as of January 18, 2019)



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

Pursuant to 37 C.F.R. § 42.63(e), Patent Owner Nichia Corporation ("Nichia") hereby furnishes below a current listing of Patent Owner's exhibits to the Board and counsel for Petitioner Vizio, Inc. ("Vizio"). Nichia hereby certifies that copies of the exhibits listed below have been served on counsel for Vizio.

Exhibit No.	Description
2001	Declaration of Dr. Stanley R. Shanfield, dated June 16, 2017, in
	IPR2017-01608 (Ex. 1003 in that IPR).
2002	Declaration of Dr. Stanley R. Shanfield, dated June 16, 2017, in
	IPR2017-01623 (Ex. 1103 in that IPR).
2003	Dandan Zhu and Colin J. Humphreys, Solid-State Lighting Based
	on Light Emitting Diode Technology, Chapter 5 (2016).
2004	Sheng Liu and Xiaobing Luo, LED Packaging for Lighting
	Applications: Design, Manufacturing and Testing, Chemical
	Industry Press (2011).
2005	Vizio Holdings, Inc.'s Amendment No. 3 to Form S-1 Registration
	Statement, filed with the Securities and Exchange Commission on
	October 22, 2015 (retrieved from
	http://secfilings.nasdaq.com/filingFrameset.asp?FilingID=1096439
	2&RcvdDate=10/22/2015&CoName=VIZIO%20HOLDINGS%2
	C%20INC.&FormType=S-
	1/A&View=html%20September%2026,%202016%20Disc\Internet
	%20articles\FetchF%20VIZIO(4).pdf).
2006	Westlaw Company Investigator Reports for Vizio, Inc., AmTran
	Logistics Company and AmTran Logistics Inc. Company.
2007	Transcript of Teleconference in IPR2017-01608 and IPR2017-
	01623, dated February 28, 2018 (Ex. 2029 and Ex. 2129
	respectively, in those IPRs).
2008	Declaration of Dr. E. Fred Schubert In Support of Patent Owner's
	Response, dated September 18, 2018.



Exhibit No.	Description
2009	Transcript of Stanley R. Shanfield, Ph.D. Deposition, dated May
	21, 2018, taken in IPR2017-01608, IPR2017-01623, IPR2018-
	00893, IPR2017-02011, IPR2017-02014 (Ex. 2710 in IPR2017-
	01608 and IPR2017-01623).
2010	E. Chen, "III. Wet and Dry Etching," Harvard University Center
	for Imaging and Mesoscale Structures (2004) (retrieved from
	https://www.mrsec.harvard.edu/education/ap298r2004/Erli%20che
	n%20Fabrication%20III%20-%20Etching.pdf).
2011	EXHIBIT NUMBER NOT BEING USED
2012	EXHIBIT NUMBER NOT BEING USED
2013	EXHIBIT NUMBER NOT BEING USED
2014	EXHIBIT NUMBER NOT BEING USED
2015	EXHIBIT NUMBER NOT BEING USED
2016	EXHIBIT NUMBER NOT BEING USED
2017	EXHIBIT NUMBER NOT BEING USED
2018	EXHIBIT NUMBER NOT BEING USED
2019	Declaration of Dr. E. Fred Schubert in Support of Patent Owner's
	Contingent Motion to Amend, dated September 18, 2018.
2020	Claims Appendix for Patent Owner's Contingent Motion to
	Amend.
2021	Japanese Patent Publication No. JP 2008-225408.
2022	Certified Translation of Japanese Patent Publication No. JP 2008-225408.
2023	U.S. Patent Application Serial No. 12/737,940, filed on March 2, 2011.
2024	Exhibit B to Complaint for Patent Infringement, Nichia Corp. v.
	Vizio, Inc., Case No. 2:16-cv-00246, Dkt. 1-2 (E.D. Tex. Mar. 21,
	2016) [Copy of Memorandum Opinion and Order, Nichia Corp. v.
	Everlight Elecs. Co., Case No. 2:13-cv-00702-JGR, Dkt. 193 (E.D.
	Tex. Jan. 26, 2016)].
2025	EXHIBIT NUMBER NOT BEING USED
2026	EXHIBIT NUMBER NOT BEING USED
2027	EXHIBIT NUMBER NOT BEING USED
2028	EXHIBIT NUMBER NOT BEING USED
2029	EXHIBIT NUMBER NOT BEING USED
2030	Second Declaration of Dr. E. Fred Schubert In Support of Patent
	Owner's Contingent Motion to Amend, dated January 8, 2019.

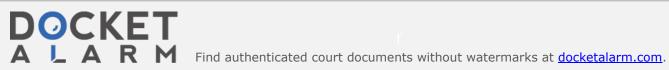


Exhibit No.	Description
2031	Excerpts from Second Declaration of Dr. E. Fred Schubert, dated
	June 8, 2018, in IPR2017-01608 (Ex. 2030 in that IPR).
2032	Excerpts from Second Declaration of Dr. E. Fred Schubert, dated
	June 8, 2018, in IPR2017-01623 (Ex. 2724 in that IPR).
2033	Transcript of Stanley R. Shanfield, Ph.D. Deposition, dated
	December 19, 2018.
2034	Exhibit S8 from December 19, 2018 Deposition of Stanley R.
	Shanfield, Ph.D.
2035	Exhibit S9 from December 19, 2018 Deposition of Stanley R.
	Shanfield, Ph.D.
2036	Opinion and Judgment, Nichia Corp. v. Everlight Americas, Inc.,
	Appeal Nos. 16-1585 & 16-1618 (Fed. Cir. Apr. 28, 2017).
2037	Transcript of Teleconference in IPR2018-00386 and IPR2018-
	00437, dated January 17, 2019.

Dated: January 18, 2019 By: / Martin M.Zoltick /

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Counsel for Patent Owner Nichia Corporation



## **CERTIFICATE OF SERVICE**

I hereby certify that on this 18th day of January, 2019, a true and correct copy of the foregoing **PATENT OWNER'S EXHIBIT LIST** was served, via electronic mail, upon the following counsel of record for Petitioner Vizio, Inc.:

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