

UNITED STATES PATENT AND TRADEMARK OFFICE

---

BEFORE THE PATENT TRIAL AND APPEAL BOARD

---

VIZIO, INC.,  
Petitioner

v.

NICHIA CORPORATION,  
Patent Owner

---

Case No. IPR2018-00386  
Patent 9,490,411

---

**PETITIONER'S UPDATED EXHIBIT LIST**

**UPDATED LIST OF EXHIBITS**

<b>Exhibit</b>	<b>Description</b>
Ex. 1001	U.S. Patent No. 9,490,411
Ex. 1002	U.S. Patent No. 9,490,411 File History
Ex. 1003	Declaration of Dr. Stanley R. Shanfield
Ex. 1004	U.S. Patent Publication No. 2008/0012036 (“Loh”)
Ex. 1005	U.S. Patent Publication No. 2005/0211991 (“Mori”)
Ex. 1006	U.S. Patent Publication No. 2008/0073662 (“Wang”)
Ex. 1007	U.S. Patent Publication No. 2005/0280017 (“Oshio”)
Ex. 1008	U.S. Patent Publication No. 2008/0261339 (“Koung”)
Ex. 1009	Japanese Patent Publication No. JP2006-093697 (“Park ’697”) with Certified English Translation
Ex. 1010	U.S. Patent Publication No. 2007/0126020 (“Lin”)
Ex. 1011	PCT Patent Publication No. WO2007/055486 (“Park ’486”)
Ex. 1012	<i>Nichia Corp. v. VIZIO, Inc.</i> , No. 2:16-cv-01453-JRG, D.I.152, Plaintiff Nichia Corporation’s P.R. 4-5(a) Opening Claim Construction Brief (E.D. Tex. Nov. 22, 2017)
Ex. 1013	<i>Nichia Corp. v. VIZIO, Inc.</i> , No. 2:16-cv-01453-JRG, D.I.186, Defendants’ Responsive Claim Construction Brief (E.D. Tex. Dec. 13, 2017)
Ex. 1014	Declaration of Mary Oros in Support of Petition for <i>Inter Partes Review</i> of U.S. Patent No. 9,490,411
Ex. 1015	Reserved
Ex. 1016	Reserved
Ex. 1017	Declaration of Dr. Stanley R. Shanfield in Support of Petitioner’s Reply
Ex. 1018	Excerpts from the File History of U.S. Patent Application No. 15/360,316 (U.S. Patent No. 10,115,870)
Ex. 1019	Reserved
Ex. 1020	U.S. Patent Publication No. 2005/0151149 (“Chia”)
Ex. 1021	U.S. Patent Publication No. 2004/0126913 (“Loh ’913”)

<b>Exhibit</b>	<b>Description</b>
Ex. 1022	U.S. Patent Publication No. 2005/0269587 (“Loh ’587”)
Ex. 1023	Reserved
Ex. 1024	U.S. Patent Publication No. 2004/0106234 (“Sorg”)
Ex. 1025	IPR2017-02011, Paper 12, Patent Owner’s Preliminary Response
Ex. 1026	Webster’s Third New International Dictionary, Merriam-Webster, Incorporated, 2002
Ex. 1027	Shorter Oxford English Dictionary, Oxford University Press, Sixth Edition, 2007
Ex. 1028	<i>Nichia Corp. v. VIZIO, Inc.</i> , No. 2:16-cv-246-JRG, (E.D. Tex.), Plaintiff Nichia Corporation’s Submissions Pursuant to Local Patent Rules 3-1 and 3-2, dated October 20, 2016
Ex. 1029	U.S. Patent No. 10,115,870 (“Ichikawa”)
Ex. 1030	Reserved
Ex. 1031	Reserved
Ex. 1032	Reserved
Ex. 1033	Reserved
Ex. 1034	Reserved
Ex. 1035	Reserved
Ex. 1036	Reserved
Ex. 1037	Reserved
Ex. 1038	Reserved
Ex. 1039	IEEE Standard Glossary of Computer Hardware Terminology, IEEE Std 610.10-1994, October 12, 1995
Ex. 1040	Declaration of Drago N. Gregov in Support of Petitioner’s Reply
Ex. 1041	Transcript of Teleconference in IPR2018-00386 and IPR2018-00437, dated January 17, 2019 (Corrected)
Ex. 1042	Transcript of Teleconference in IPR2018-00386 and IPR2018-00437, dated February 4, 2019

Dated: February 5, 2019

Respectfully submitted,

**ROPES & GRAY LLP**

By: /Gabrielle E. Higgins/

Gabrielle E. Higgins

Reg. No. 38,916

**ROPES & GRAY LLP**

1900 University Avenue, 6<sup>th</sup> Floor

East Palo Alto, CA 94303-2284

Phone: +1-650-617-4015

Fax: +1-617-235-9492

[gabrielle.higgins@ropesgray.com](mailto:gabrielle.higgins@ropesgray.com)

## CERTIFICATE OF SERVICE

The undersigned certifies that the foregoing PETITIONER'S UPDATED EXHIBIT LIST was served by filing this document through the Patent Trial and Appeal Board End to End (PTAB E2E) as well as providing a courtesy copy via electronic mail to the following attorneys of record for the Patent Owner listed below:

Martin M. Zoltick  
[mzoltick@rfem.com](mailto:mzoltick@rfem.com)  
Robert P. Parker  
[rparker@rfem.com](mailto:rparker@rfem.com)  
Derek F. Dahlgren  
[ddahlgren@rfem.com](mailto:ddahlgren@rfem.com)  
Michael H. Jones  
[mjones@rfem.com](mailto:mjones@rfem.com)  
Mark T. Rawls  
[mrawls@rfem.com](mailto:mrawls@rfem.com)

ROTHWELL, FIGG, ERNST & MANBECK, P.C.  
607 14th Street, N.W., Suite 800  
Washington, DC 20005  
Phone: +1-202-783-6040  
Fax: +1-202-783-6031  
[litigationparalegals@rothwellfigg.com](mailto:litigationparalegals@rothwellfigg.com)

Dated: February 5, 2019

By: /Crena Pacheco/  
Name: Crena Pacheco

**ROPES & GRAY LLP**