

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

United States Patent No.: 7,915,631	§ Attorney Docket No.: 112868-0001-651
Inventors: Yoshinori Shimizu, et al.	§ Customer No. 28120
Formerly Application No.: 12/548,618	§ Petitioner: VIZIO, Inc.
Issue Date: Mar. 29, 2011	§
Filing Date: Aug. 27, 2009	§
Former Group Art Unit: 2822	§
Former Examiner: Michael Trinh	§

For: LIGHT EMITTING DEVICE AND DISPLAY

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**DECLARATION OF MARY OROS IN SUPPORT OF  
PETITION FOR *INTER PARTES* REVIEW OF  
UNITED STATES PATENT NO. 7,915,631**

I, Mary Oros, make the following Declaration pursuant to 28 U.S.C. § 1746:

1. I am a Senior Litigation Paralegal at the law firm of  
  
Ropes & Gray LLP.
2. I provide this Declaration in connection with the above-identified *In-ter Partes* Review proceeding requested at the United States Patent and Trademark Office by VIZIO, Inc. Unless otherwise stated, the facts stated in this Declaration are based on my personal knowledge.

3. Exhibit 1001 hereto is a true and correct copy of United States Patent No. 7,915,631 to Yoshinori Shimizu, et al., which I downloaded on November 21, 2016 from the United States Patent and Trademark Office (“USPTO”) Patent Application Information Retrieval (“PAIR”) website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

4. Exhibit 1002 hereto is a true and correct copy of the file history for United States Patent No. 7,915,631 to Yoshinori Shimizu, et al., which I downloaded on November 21, 2016 from the United States Patent and Trademark Office (“USPTO”) Patent Application Information Retrieval (“PAIR”) website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

5. Exhibit 1004 hereto is a true and correct copy of United States Patent No. 6,600,175 to Bruce Baretz, which I downloaded on November 21, 2016 from the USPTO PAIR website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

6. Exhibit 1005 hereto is a true and correct copy of Japanese Patent Publication No. H07-99345 filed on September 28, 1993 by Kousuke Matoba and published on April 11, 1995, which I downloaded on November 21, 2016 from the European Patent's Office ("EPO") Espacenet search page,

<http://worldwide.espacenet.com>, which is a record of the EPO to which all parties have access, and which is accompanied by a true and correct copy of a translation of the text of that document and a certification of accuracy regarding that translation provided by Geotext Translations, Inc. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

7. Exhibit 1006 hereto is a true and correct copy of United States Patent No. 3,699,478 to Douglas A. Pinnow and Le Grand G. Van Uitert, which I downloaded on November 21, 2016 from the USPTO PAIR website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

8. Exhibit 1008 hereto is a true and correct copy of the file history for United States Patent No. 8,610,147 to Yoshinori Shimizu, et al., which I downloaded on November 21, 2016 from the United States Patent and Trademark Office

(“USPTO”) Patent Application Information Retrieval (“PAIR”) website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

9. Exhibit 1010 hereto is a true and correct copy of United States Patent No. 4,966,862 to John A. Edmond, which I downloaded on November 28, 2016 from the USPTO PAIR website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

10. Exhibit 1011 hereto is a true and correct copy of United States Patent No. 5,369,289 to Makoto Tamaki and Takahiro Kozawa, which I downloaded on November 28, 2016 from the USPTO PAIR website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

11. Exhibit 1012 hereto is a true and correct copy of United States Patent No. 5,777,350 to Shuji Nakamura, which I downloaded on November 22, 2016 from the USPTO PAIR website and which is a record of the USPTO to which all

parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

12. Exhibit 1013 hereto is a true and correct copy of Japanese Patent Publication No. H05-152609 filed on November 25, 1991 by Yoshiaki Tadatsu and Shuji Nakamura and published on June 18, 1993, which I downloaded on November 30, 2016 from the European Patent's Office ("EPO") Espacenet search page, <http://worldwide.espacenet.com>, which is a record of the EPO to which all parties have access, and which is accompanied by a true and correct copy of a translation of the text of that document and a certification of accuracy regarding that translation which was provided by Merrill Corp. and filed in *Everlight Elec. Co. et al., v. Nichia Corp.*, No. 4:12-cv-11758-GAD (E.D. Mich.) (Dkt. No. 574-8) which I downloaded on December 3, 2016 from the Public Access to Court Electronic Records ("PACER") to which all parties have access. An exhibit label and page numbers on all pages have been added to the bottom of this document but no other alterations have been made.

13. Exhibit 1014 hereto is a true and correct copy of United States Patent No. 5,861,636 to Achyut Kumar Dutta and Akira Suzuki which I downloaded on November 30, 2016 from the USPTO PAIR website and which is a record of the USPTO to which all parties have access. An exhibit label and page numbers on all

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