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

In re Patent of: Tien Yang Wang

U.S. Patent No.: 6,936,851 Attorney Docket No.: 43849-0001IP1

Issue Date: August 30, 2005 Appl. Serial No.: 10/394,686 Filing Date: March 21, 2003

Title: Semiconductor Light-Emitting Device and Method for

Manufacturing the Same

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## PETITION FOR INTER PARTES REVIEW OF UNITED STATES PATENT NO. 6,936,851 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42



## TABLE OF CONTENTS

1.	CONSIDERATION BASED ON PRIOR PETITIONS FILED BY OTHER	
II.	GROUNDS FOR STANDING AND CHALLENGE UNDER 37 C.F.R. § 42.104	4
	<ul><li>A. Grounds for Standing Under 37 C.F.R. § 42.104(a)</li><li>B. Challenge Under 37 C.F.R. § 42.104(b) and Relief Requested</li></ul>	
III.	THE '851 PATENT	5 8 d 9 12 13 , 13
IV.	MANNER OF APPLYING CITED PRIOR ART TO EVERY CLAIM FOWHICH AN IPR IS REQUESTED, THUS ESTABLISHING A REASONABLE LIKELIHOOD THAT AT LEAST ONE CLAIM OF TH '851 PATENT IS UNPATENTABLE	E 19
V.	MANDATORY NOTICES UNDER 37 C.F.R § 42.8(a)(1)  A. Real Party-In-Interest Under 37 C.F.R. § 42.8(b)(1)  B. Related Matters Under 37 C.F.R. § 42.8(b)(2)  C. Lead and Back-Up Counsel Under 37 C.F.R. § 42.8(b)(3)  D. Service Information	43 43 44
VI.	PAYMENT OF FEES – 37 C.F.R. § 42.103	44



VII.	CONCLUSION	4:	5
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### **EXHIBITS**

TCL-1001	U.S. Patent No. 6,936,851 to Wang ("the '851 patent")
TCL-1002	Prosecution History of the '851 Patent ("the Prosecution History")
TCL-1003	Declaration of Dr. W.R. Bottoms
TCL-1004	Curriculum Vitae of Dr. W.R. Bottoms
TCL-1005	(Reserved)
TCL-1006	U.S. Patent No. 5,718,738 ("Kohnke")
TCL-1007	U.S. Patent No. 5,874,747 ("Redwing")
TCL-1008	U.S. Patent No. 6,870,191 ("Niki")
TCL-1009	Lexington Luminance LLC's Response in Opposition to Feit Electric Company's Motion for Summary Judgment of Non-Infringement, filed October 1, 2013 in Lexington v. Feit Electric, Case No. No. 1:12-cv-11554-WGY (D. Mass), Paper 128.
TCL-1010	Opening Expert Report of David P. Bour, Ph.D. Concerning Infringement of Lexington Luminance's Patent, filed July 9, 2013 in Lexington v. Feit Electric, Case No. No. 1:12-cv-11554-WGY (D. Mass), Paper 132-3.
TCL-1011	Declaration of Dr. David P. Bour, filed October 1, 2013 in Lexington v. Feit Electric, Case No. No. 1:12-cv-11554-WGY (D. Mass), Paper 131.
TCL-1012	Schubert, <i>Light-Emitting Diodes: Second Edition</i> , pp. 212, 223, Cambridge Press (2006) ("Schubert")



TCL-1013	Huang et al., <i>High-efficiency InGaN-based LEDs grown on patterned sapphire substrates</i> , Optics Express, Vol. 19, No. S4 (2011) ("Huang")
TCL-1014	Lexington Luminance LLC v. Amazon.com Inc., 601 F. App'x 963 (Fed. Cir. 2015) ("Federal Circuit Claim Construction Order")
TCL-1015	Claim Construction Memorandum and Order, <i>Lexington Luminance v. Amazon.com et al.</i> , Case No. 12-cv-12216-DJC, Paper 196, entered April 4, 2016 (D. Mass) ("Amazon Claim Construction Order")
TCL-1016	Claim Construction Memorandum and Order, <i>Lexington Luminance v. Google</i> , Case No. 12-12218-RGS, Paper 113, entered March 29, 2016 (D. Mass) ("Google Claim Construction Order")
TCL-1017	Lexington Luminance LLC's Claim Construction Reply Brief, Lexington Luminance v. Amazon.com et al., Case No. 12-cv- 12216-DJC, Paper 133, entered September 29, 2015 (D. Mass) ("Lexington Claim Construction Brief")
TCL-1018	Excerpts from File History of Reexamination No. 90/012,964
TCL-1019	LG Innotek v. Lexington Luminence, LLC, IPR2017-00052, Paper 7 (Institution Decision) (PTAB March 30, 2017)
TCL-1020	Samsung Electronics Co., Ltd. v. Lexington Luminance, LLC, IPR2017-00539, Paper 8 (Institution Decision) (PTAB June 20, 2017)
TCL-1021	Samsung Electronics Co., Ltd. v. Lexington Luminance, LLC, IPR2017-00540, Paper 8 (Institution Decision) (PTAB June 20, 2017)



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