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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		Ν	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		A	ASSIGNMENT			
CONVEYING PARTY D	ΔΤΑ					
			Name		Execution Date	
SHUJI NAKAMURA					02/19/2008	
STEVEN P. DENBAARS	;				02/12/2008	
HIROKUNI ASAMIZU					02/14/2008	
RECEIVING PARTY DA	ТА					
Name: THE REGENTS OF THE UNIVERSITY OF CALIFORI						
Street Address:	1111 FRANKLIN STREET					
Internal Address:	12TH FLOOR					
City:	OAKLAND					
State/Country:	CALIFORNIA					
Postal Code:	94607-5200					
Property Type Application Number: 16		165691	Number 5569120			
Application Number.		100091	120			
CORRESPONDENCE D	ΑΤΑ					
Fax Number: (310)		(310)64)641-8798			
			-mail address first; if that is un at is unsuccessful, it will be ser			
Phone: (310)			-		IG11.	
,		• •	nd@gates-cooper.com			
			ES & COOPER LLP			
			CENTER DRIVE			
		SUITE				
Address Line 4: LOS			NGELES, CALIFORNIA 90045			
ATTORNEY DOCKET NUMBER:		3	30794.0211USC6			
NAME OF SUBMITTER:		Ģ	GEORGE H. GATES			
SIGNATURE:		/(/George H. Gates/			
DATE SIGNED:		0	09/12/2019			
Total Attachments: 1						
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ASSIGNMENT

U.C. Case No. 2007-282-7

G & C Case Nos. 30794.211USC6

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Shuji Nakamura 2. Steven P. DenBaars 3. Hirokuni Asamizu

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, 1 2th Floor, Oakland, California 94607, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

TRANSPARENT LIGHT EMITTING DIODES

and which is found in PCT International Application Number PCT/US2007/25278, filed December 11, 2007, and U.S. application serial no. 11/954,154, filed December 11, 2007, and including continuation application serial no. 16/569,120, filed September 12, 2019;

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

<u>ASSIGNOR(S)</u> hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

<u>ASSIGNOR(S)</u> further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the <u>ASSIGNOR(S)</u> requests the Commissioner for Patents to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

<u> 7</u> day <u>of</u> <u>"Lay of Feb</u> 4 day of

Signature of Inventor Shuji Nakamura

Steven P. DenBaars

irokuni Asamizu

assign.doc

PATENT REEL: 050362 FRAME: 0638

RECORDED: 09/12/2019