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To the Honorable Commissioner of Patents and Trademarks	: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Rongqing Hui	Name: University of Kansas
Additional name(s) of conveying party(ies) attached? []Yes [X]No	Street Address: Strong Hall
3. Nature of conveyance:	City: <u>Lawrence</u> State: <u>KS</u> Zip: <u>66045-7612</u>
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other	Additional name(s) & address(es) attached? []Yes [X]No
Execution Date: April 5, 2004	
A. Patent Application No.(s) Serial No. 10/783,972, filed February 20, 2004 Additional numbers attached? []Yes [X]No 5. Name and address of party to whom correspondence	B. Patent No.(s) 6. Total number of applications and patents involved: 1
concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ 40.00
Name: Timothy E. Bianchi Address: Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938 Minneapolis, MN 55402	[]Enclosed [X] Authorized to be charged to deposit account 8. Please charge any additional fees or credit any over payments to our Deposit account number:19-0743
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> PATENT REEL: 014731 FRAME: 0500

CONFIDENTIAL

ASSIGNMENT ID No. ITAA040301

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ASSIGNMENT

By

Dr. Rongqing Hui

to the

University of Kansas

to the intellectual property commonly referred to as a

"METHOD AND APPARATUS FOR USE OF III-NITRIDE WIDE BANDGAP SEMICONDUCTORS IN OPTICAL COMMUNICATIONS"

(Assignment ID No. ITAA040301)

PATENT REEL: 014731 FRAME: 0501

ASSIGNMENT ID No. ITAA040301

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WHEREAS, I, Dr. Rongqing Hui, Professor of Electrical Engineering and Computer Science Department at the University of Kansas, have invented certain new and useful technologies in the area of photonics, specifically as detailed in Technical Disclosure "III-nitride Wide Bandgap Semiconductors" (#ITTD020604) dated July 19, 2002, and any and all related technology derivatives (the "Intellectual Property") for which the University of Kansas may file an application for Letters Patent, and a registration of any Trademark, Service mark, and Copyright under the laws of the United States; and

WHEREAS, the University of Kansas, a public educational institution duly organized under the laws of the State of Kansas and having its principal place of business at the Office of General Counsel, the University of Kansas, Strong Hall, Lawrence, Kansas 66045, is desirous of acquiring an interest in, to and under, said Intellectual Property, any and all applications, and any and all Letters Patent, Trademarks, Service marks, and Copyrights which may be granted or registered for or upon said Intellectual Property in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Dr. Rongqing Hui, as one of several inventors, have assigned and transferred, and by these presents do assign and transfer unto the University of Kansas the full and exclusive right, title and interest, throughout the world, into and under the following:

- (a) the Intellectual Property;
- (b) any and all patent applications filed in connection with the Intellectual Property;
- (c) any and all refilings, divisions, and continuations of all patent applications filed in connection with the Intellectual Property;
- (d) any and all Trademarks, Service marks, and Copyrights (including without limitation all rights of the owner of copyright specified in 17 U.S.C. §106) which may issue or be registered, or rights which may be assumed from the Intellectual Property anywhere in the world;
- (e) any and all Letters Patent of the United States of America which may issue from all patent applications, refilings, divisions and continuations filed in connection with the Intellectual Property:
- (f) any and all reissues of said Letters Patent of the United States of America;
- (g) any and all applications for Letters Patent upon the Intellectual Property which have heretofore been filed or may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with all foreign-filed patent applications filed in connection with the Intellectual Property;
- (h) any and all refilings, divisions and continuations of all foreign-filed patent applications filed in connection with the Intellectual Property.

ALL of the above shall be held and enjoyed by THE UNIVERSITY OF KANSAS for its own use and behalf, and for its successors, legal representatives and assigns, to the full end of the term for which Letters Patent, Trademarks, Service marks, and Copyrights may be granted, and we do hereby authorize and request the United States Patent and Trademark Office to issue Letters Patent, and to register Trademarks and Service marks, and request the United States Copyright Office to register Copyrights, in accordance with this Agreement.

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Date: 04/05/2004	Signed:	
STATE OF KANSAS COUNTY OF DOUGLAS))ss.)	
me, RONGOING HULL foregoing instrument, and wi	APRIL 2002, before me personally, known to be the person described in and who ex no duly acknowledged to me that he executed the sa	ecuted the
and purposes therein set forth	Euran	
Notary Public My Commission expires: 5	1/4/05	
SEAL	NOTARY PUBLIC State of Kansas	
STATE OF KANSAS) SS. ROBIN M. HINMAN My Appt. Exp. 3/14/05	
COUNTY OF DOUGLAS)	

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