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**PATENT RECO.  
COVER**

102810050

Attorney Docket No.  
U11.12-0161To the Director of the U.S.  
document or copy thereof.

Trademark Office: Please record the attached original

## 1. Name of conveying party(ies):

- (1) Kang-Hyun Baek  
(2) Anand Gopinath  
(3)

Additional name(s) of conveying party(ies)  
attached? [ ] Yes [X] No2. Name and address of receiving  
party(ies):Name: Regents of the University of  
Minnesota

Internal Address:

Street Address: 200 Oak Street SE, 450  
McNamara Alumni CenterCity Minneapolis State MN ZIP  
55455Additional name(s) & address(es) attached?  
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## 3. Nature of Conveyance:

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Execution Date: July 28, 2004

## 4A. Application No.(s)

10/801,940If this document is being filed together with a  
new application, the execution date(s) of the  
Declaration of the application is: \_

Additional numbers attached? [ ] Yes [X] No

## 4B. Patent No.(s)

Additional numbers attached?  
[ ] Yes [X] No5. Name and address of party to whom corres-  
pondence concerning document should be mailed:

Name: Judson K. Champlin  
Street Address: Westman, Champlin & Kelly, P.A  
Suite 1600  
International Centre  
900 Second Avenue South  
City: Minneapolis State: MN ZIP 55402

6. Total number of applications and  
patents involved: [1]7. Total fee (37 CFR 3.41):.....\$ 40.00

## 8. Method of Payment

- [X] Enclosed  
[X] The Director is authorized to  
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To the best of my knowledge and belief, the foregoing information is true and correct and any  
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Judson K. Champlin  
Name of Person Signing

Signature

Date

Total number of pages submitted: [3]

# ASSIGNMENT

Attorney Docket No.

U11.12-0161

WHEREAS, we, Hang-Hyun Baek of Minneapolis, Minnesota, USA and Anand Gopinath of Wayzata, Minnesota, USA., (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in an application for Letters Patent of the United States entitled SELF ASSEMBLED THREE-DIMENSIONAL PHOTONIC CRYSTAL, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. 10/801,940, filed March 16, 2004; and

WHEREAS, Regents of the University of Minnesota, a corporation organized and existing under the laws of the State of Minnesota, and having offices at 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Director of the United States Patent and Trademark Office or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Kang-Hyun Baek  
Kang-Hyun Baek

STATE OF Minnesota )  
COUNTY OF Hennepin ) ss.

Subscribed and sworn to before me, a Notary Public, this 28<sup>th</sup> day of July, 2004

Rachel A. Muntean  
Notary Public



Anand Gopinath  
Anand Gopinath

STATE OF Minnesota )

COUNTY OF Hennepin

ss.

of July, 2004. Subscribed and sworn to before me, a Notary Public, this 28<sup>th</sup> day

Rachel Muntean  
Notary Public

