

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yunbo GUO	06/06/2011
Theodore B. MORRIS	06/06/2011
James R. BAKER	06/14/2011
Lingjie Jay GUO	06/10/2011
Nils G. WALTER	06/08/2011
RECEIVING PARTY DATA	
Name:	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
Street Address:	1600 Huron Parkway, 2nd Floor
City:	Ann Arbor
State/Country:	MICHIGAN
Postal Code:	48109-2590
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1138177
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2486411600
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Address Line 1:	P.O. Box 828
Address Line 2:	2115-004669/WO/POA SME
Address Line 4:	Bloomfield Hills, MICHIGAN 48303
ATTORNEY DOCKET NUMBER:	2115-4669POA
NAME OF SUBMITTER:	Devorah Lerner

CH \$40.00 US1138177

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**PATENT
 REEL: 026696 FRAME: 0341**

Total Attachments: 4

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ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

PHOTONIC CRYSTAL-METALLIC STRUCTURES AND APPLICATIONS

for which Assignor is about to make or has made United States or International application for patent

- (a) executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration);
- (b) executed on _____, _____, _____; or
- (c) filed on May 26, 2011, and assigned Serial No. _____ or PCT International Application No. PCT/US2011/038177; and

WHEREAS, **THE REGENTS OF THE UNIVERSITY OF MICHIGAN, 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590**, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

ASSIGNMENT

Y. Guo
Yunbo GUO

State of Michigan)
County of Washtenaw) ss.

On this 6th day of June, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Linda K. Owens
Notary Public,

(seal)

Acting in the County Of
State Of
LINDA K. OWENS
NOTARY PUBLIC, STATE OF MI
COUNTY OF LIVINGSTON
MY COMMISSION EXPIRES Sep 24, 2016
ACTING IN COUNTY OF Washtenaw

My Commission Expires

Theodore B. Morris
Theodore B. MORRIS

State of Michigan)
County of Washtenaw) ss.

On this 6th day of June, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

Linda K. Owens
Notary Public,

(seal)

Acting in the County Of
State Of
LINDA K. OWENS
NOTARY PUBLIC, STATE OF MI
COUNTY OF LIVINGSTON
MY COMMISSION EXPIRES Sep 24, 2016
ACTING IN COUNTY OF Washtenaw

My Commission Expires

ASSIGNMENT

[Signature]
James R. BAKER

State of Michigan)
County of Washtenaw) ss.

On this 14 day of June, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public, *Kristen Hug*

Acting in the County Of Washtenaw

State Of Michigan

My Commission Expires 4/5/12

(seal)

KRISTEN HUG
NOTARY PUBLIC, STATE OF MI
COUNTY OF WASHTENAW
MY COMMISSION EXPIRES Apr 5, 2012
ACTING IN COUNTY OF Washtenaw

[Signature]
Lingjie Jay GUO

State of Michigan)
County of Washtenaw) ss.

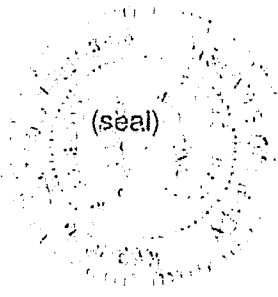
On this 10th day of June, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

Notary Public, *Melanie Coughey*

Acting in the County Of

State Of

My Commission Expires



Melanie Coughey, Notary Public
State of Michigan, County of Washtenaw
My Commission Expires 08/07/11
Acting in the County of Washtenaw

ASSIGNMENT

Nils G. Walter
Nils G. WALTER

State of MICHIGAN)
County of WASHTENAW) ss.

On this 08th day of June, 2011, before me personally appeared the foregoing individual, who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public, John R. Velma
John R. Velma
Acting in the County Of Washtenaw

(seal)

JOHN R. VELMA
NOTARY PUBLIC, STATE OF MI
COUNTY OF WASHTENAW
MY COMMISSION EXPIRES MAY 7, 2012
ACTING IN COUNTY OF WASHTENAW

State Of Michigan

My Commission Expires 11/7/2013

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