
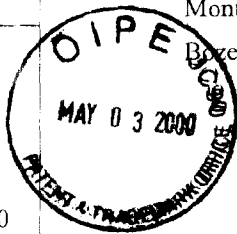


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FORM PTO-1596 1-31-92		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Docket No.: 50198-151				PATENTS ONLY	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:					
1. Name of Conveying Party(ies): Rufus L. CONE, Guangming WANG, Yongchen SUN, and Randy W. EQUALL Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes			2. Name and address of receiving party(ies): Name: THE RESEARCH AND DEVELOPMENT INSTITUTE, INC. Address: 1711 West College Montana State University Bozeman, MT 59715 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes		
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other Execution Date: May 1, May 1, April 22, and April 17, 2000 (respectively)			05-15-2000  101356495		
4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): 09/463,607-Filed January 28, 2000 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes					
5. Name and address of party to whom correspondence concerning document should be mailed: Name MCDERMOTT, WILL & EMERY Internal Address: Street Address: 600 13 th Street, N.W. City: Washington State: DC Zip: 20005			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 500417		
DO NOT USE THIS SPACE					
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Robert L. Price, 22,685 Name and Registration No. of Person Signing Signature Total number of pages comprising cover sheet: 1 Date May 3, 2000					
CMB No. 0851-0011 (exp. 4/94)					



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Docket No.: 50198-151

ASSIGNMENT

Marlborough, MA;

G.W.

WHEREAS WE, Rufus L. CONE, Guangming WANG, Yongchen SUN, and Randy W. EQUALL of Bozeman, MT; ~~Norwalk, CT~~; Bozeman, MT; and Bozeman, MT, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled COHERENT INTERACTION OF OPTICAL RADIATION BEAMS WITH OPTICAL-ELECTRONIC MATERIALS OF GENERALIZED CRYSTAL SYMMETRY, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on January 28, 2000, and identified by United States Serial No. 09/463,607;

AND WHEREAS, THE RESEARCH AND DEVELOPMENT INSTITUTE, INC., a corporation of the State of Montana and having an address of 1711 West College, Montana State University, Bozeman, MT 59715 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto THE RESEARCH AND DEVELOPMENT INSTITUTE, INC., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said THE RESEARCH AND DEVELOPMENT INSTITUTE, INC., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	1 May 2000	Rufus L. Cone
Date	1 May 2000	Rufus L. CONE
Date	22 April 2000	Guangming WANG
Date	17 April 2000	Yongchen SUN
Date		Randy W. EQUALL

STATE OF MONTANA)
) SS:
COUNTY OF GALLATIN)

On this 1st day of May, 2010, before me personally appeared Rufus L. CONE, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Claudine Ecker
Notary Public

My commission expires Dec 27, 2001

STATE OF MONTANA)
) SS:
COUNTY OF GALLATIN)

On this 1st day of May, 2010, before me personally appeared Gungming WANG, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Claudine Ecker
Notary Public

My commission expires Dec 27, 2001

STATE OF MONTANA)
) SS:
COUNTY OF GALLATIN)

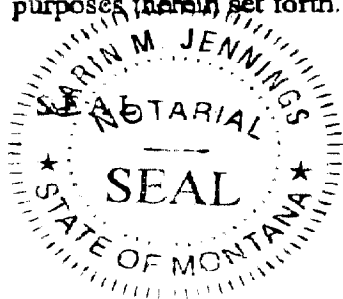
On this 1st day of May, 2010, before me personally appeared Yongchen SUN, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

Claudine Ecker
Notary Public

My commission expires Dec 27, 2001

STATE OF MONTANA)
) SS:
COUNTY OF GALLATIN)

On this 17th day of April, 2000, before me personally appeared Randy W. EQUALL, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Karin M. Jennings
Notary Public

My commission expires Feb. 5, 2003