Form PTO-1595 9 / 9 REC (Rev. 08/03) OMB No. 0651-0027 (exp. 5/31/2002)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
Tab settings → → → ▼ ▼ 102559672 ▼ To the Honorable Commissioner of Pat. 102559672 • Original documents or copy thereof.				
Name of conveying party(ies):	2. Name and address of receiving party(ies)			
Hyungsoo Choi	Name The Board of Trustees of the University of			
	Internal Address			
Additional name(s) of conveying party(ies) attached? Yes No	Street Address 506 S. Wright Street			
3. Nature of conveyance:				
☐ Security Agreement ☐ Change of Name ☐ Other:	O: VI			
Execution Date: September 16, 2003	City Urbana State IL Zip 61801			
Execution Date. TRIPLING THE 24877	Additional name(s) & address(es) attached? ☐ Yes ☑ No			
4. Application number(s) or registration number(s):	66431			
If this document is being filed together with a new application, the	C			
A. Patent Application No.(s)	A. Patent No.(s)			
	ľ			
 Additional number(s) attached? ☐ Yes ☐ No				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name L. Scott Paynter	7. Total fee (37 CFR 3.41)			
Internal Address Woodard, Emhardt, Moriarty, McNett,	⊠ Enclosed			
& Henry LLP	Authorized to be charged to deposit account			
Street Address 111 Monument Circle				
Suite 3700	8. Deposit account number:			
City Indianapolis State IN ZIP 46204	23-3030			
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9. Statement and Signature.	THIS SPACE			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy o the original document.				
L. Scott Paynter Name of Person Signing	September 19, 2003 Date			
Total number of pages including cover sheet, attachments, and document:				
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"Express Mail" Label No. EL 984271781 US I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450. Signature of person mailing paper or fee				

PATENT REEL: 014516 FRAME: 0305

ASSIGNMENT

WHEREAS, Hyungsoo Choi, hereinafter referred to as Assignor, has made one or more new and useful inventions in NANOSTRUCTURES INCLUDING A METAL for which Assignor has made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, The Board of Trustees of the University of Illinois, hereinafter referred to as Assignee, a corporation of the State of Illinois having a principal place of business at 506 S. Wright Street, Urbana, Illinois 61801 desires to acquire all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid, the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuation-in-parts thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

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PATENT REEL: 014516 FRAME: 0306 Assignor hereby authorizes the Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

(a)	Execution Date of the Application: 16	Septem b	er:	2003
(b)	Patent Office Number for the Application:			_·
(c)	Filing date of the Application:			·

Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

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	_day of <u>September</u> , 2003. Assumble of the property of the pr			
STATE OF Illinois): SS COUNTY OF Champaign) Before me, a Notary Public, in and for said County and State, personally appeared Hyungsoo Choi, who, being first duly sworn upon her oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.				
OFFICIAL SEAL PAMELA D. DAVIS NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 9-27-2005	rial Seal this			
My Commission Expires: Systember 27, 2005				

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RECORDED: 09/19/2003