Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Office
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Name of conveying party(les):	2. Name and address of receiving party(ies)
James S. IM Paul C. VAN DER WILT	THE TRUSTEES OF COLUMBIA UNIVERSITY IN Name: THE CITY OF NEW YORK
, adi o. Vitt DEI(WIEI	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	440 200 250 2
Execution Date(s): June 21, 2005	110 Low Memorial Library 535 West 116th Street
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: New York
Government Interest Assignment	State: New York
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 10027
Other	Additional name(s) & address(es) Yes X No
	attached:
branners d	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent Nc.(s)
10/944,350	
Additional numbers attached?	Yes X No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Matthew T. Byrne	pacitis involved.
WILMER CUTLER PICKERING HALE AND DORR LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 19240.143-US2	Authorized to be charged by credit card
Street Address: 399 Park Avenue	X Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title)
City: New York	8. Payment information
State: NY Zip: 10022	a. Credit Card Last 4 Numbers
Phone Number: (212) 230-8880	Expiration Date
Fax Number: (212) 230-8888	b. Deposit Account (Number 08-0219
Email Address: matthew.byrne@wilmerhale.com	Authorized User Name Matthew T. Byrne
9. Signature:	
YUWY	July 22, 2005
Signature	Date
Matthew T. Byrne - 40,934 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:
2	
I hereby certify that this correspondence is being facsimile transmitter 5995, on the date shown below.	dito the Patent and Trademark Office, facsimile no. (703) 306-
Dated: 5 70 65 Signature: W	(Matthew T. Byrne)
	(MORIOW 1. DYING)

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PATENT REEL: 016560 FRAME: 0062

Attorney Docket No.: 19240.143 US2

ASSIGNMENT

WHEREAS, we, James S. Im, residing at 2828 Broadway, Apt. 9E, New York, NY 10025, USA and Paul Christian van der Wilt, residing at 629 West 115th Street, Apt., 7B, New York, NY 10025, USA, (collectively, "the Assignors") are the inventors of a certain new and useful invention and discovery entitled "SINGLE SCAN IRRADIATION FOR CRYSTALLIZATION OF THIN FILMS" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on September 17, 2004 as assigned Application Number 10/994,350 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York existing under the laws of the State of New York, whose address is 110 Low Memorial Library, 535 West 116th Street, New York, NY 10027, which, together with its successors and assigns (collectively the "Assignee"), is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

For valuable consideration, receipt of which is acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including divisionals, continuations, continuation-in-parts, or as an application claiming priority from a provisional application); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein any and all countries and

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PATENT REEL: 016560 FRAME: 0063

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to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto to Assignee.

IN TESTIMONY WHEREOF, I have hereunto s	et my hand and seal this $\frac{ZI}{}$ day of
6 / 2005 (Month/Year).	Aug es Q
On this 21 day of 6/2005	James S. Im (Month/Year), James S. Im, personally known
to me to be the same individual who executed the that execution of the same was of his/her own from	e foregoing Assignment, acknowledged to me
WITNESS	M. O. May O.
Printed Na	
Residential	
	Broadway Terrace
Ne	w York, NY 10040

Attorney Docket No.: 19240.143 US2

IN TESTIMONY WHEREOF, I have hereun	to set my hand and seal this $\frac{2l}{l}$ day of
JUNE 2005 (Month/Year).	CHAWA -
	Paul Christian van der Wilt
On this 2 day of 6/205 (Month/Year), Paul Christian van der Wilt, personally known to me to be the same individual who executed the foregoing Assignment, acknowledged to me that execution of the same was of his/her own free will for the use and purposes therein set forth.	
WITNE	ess: Challed
Printed	Name: and Gurley
Resider	ntial Address: Z Broadway Terrace
AUGUST.	Now Mark Will 100 Co

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RECORDED: 07/22/2005

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