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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commission 102560216	the attached original documents or copy thereof.
 Name of conveying party(ies): CHAN, Siu-Wai Additional name(s) of conveying party(ies) attached? Yes 	Name and address of receiving party(ies) Name: The Trustees of Columbia University in the City of New York
3. Nature of conveyance: 9.24-03	Address: 116th Street and Broadway
Assignment [] Merger [] Security Agreement [] Change of Name	
[] Other:	City: New York State: NY Zip: 10027 Additional name(s) and address(es) attached? Country: U.S.A.
Execution Date: September 15, 2003	[] Yes No
4. Application number(s) or patent number(s) If this document is being filed together with a new application, the exception of the second sec	ecution date of the application is B. Patent No.(s)
A. Patent Application No.(s)	B. Patent No.(s)
10/381,342	I 2
10/301,342	B. Patent No.(s)
Additional numbers attached?	[] Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: one
Name: Henry Tang, Esq.	7. Total fee (37 CFR 3.41): \$ 40.00
BAKER BOTTS L.L.P.	[Enclosed
30 Rockefeller Plaza - 44 Fl.	[] Authorized to be charged to deposit account
New York, NY 10112	Deposit account number: 02-4377 (Charge any additional fees to this account) (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature	
To the best of my knowledge and belief, the foregoing instrumen original document.	tation is true and correct and any attached copy is a true copy of the
Paul D. Ackerman, PTO Reg. No. 39,891	Sept. 22, 2003
Name of Person Signing	Signature Date
Page _ 1 _ of _ 1 _	
Total number of pages including cover sheet, attachments and docume	ent: 3
25/2003 ECOUPER 00000139 10301342	

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PATENT REEL: 014519 FRAME: 0413

ASSIGNMENT

WHEREAS, I, SIU-WAI CHAN, a citizen of the United States of America, whose post office address is 69 Ross Avenue, Demarest, New Jersey 07627, have made an invention entitled "THICK FILM HIGH TEMERATURE SUPERCONDUCTING DEVICE SUPPORTING HIGH CRITICAL CURRENTS AND METHOD FOR FABRICATING SAME" as set forth and described in U.S. Patent Application Serial No. 10/381,342 for Letters Patent filed March 25, 2003; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "COLUMBIA"), having its principal place of business at 116th Street and Broadway, New York, New York 10027, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the said SIU-WAI CHAN, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said COLUMBIA, and other valuable considerations unto me moving from said COLUMBIA, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said COLUMBIA, its successors and assigns, the entire right, title and interest in and to the said invention as set forth and described in the specification forming a part of U.S. Patent Application Serial No. 10/381,342 for Letters Patent of the United States entitled "THICK FILM HIGH TEMPERTURE SUPERCONDUCING DEVICE SUPPORTING HIGH CRITICAL CURRENTS AND METHOD FOR FABRICATING SAME" filed March 25, 2003, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND I, the said SIU-WAI CHAN, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said COLUMBIA, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COLUMBIA, its successors and assigns;

NY02:455178.1 -1 -

PATENT REEL: 014519 FRAME: 0414

AND I, the said SIU-WAI CHAN, for the considerations aforesaid, do hereby covenant and agree to and with said COLUMBIA, its successors and assigns, that I have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that I, my executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said COLUMBIA, its successors and assigns, may be required or necessary to more effectively secure to and vest in said COLUMBIA, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, the said SIU-WAI CHAN, have hereunto set my

BE IT KNOWN, that on this September, 2003, before me personally came SIU-WAI CHAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

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NOTARY PUBLIC, State of New York
No. 01HA5063858 Qualified in Queens County Qualified in Queens Commission Expires July 29,

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RECORDED: 09/24/2003