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	Atty. Dkt. No. 049411-0305
FORM PTO-1595 (modified)	U.S. DEPARTMENT OF COMMERCE
(Rev 6-93) RECORDATION FOI	RM COVER SHEET Palént énd Trademark Office
PATENT	
PAILNI	3 ONL I
To the Director of the United States Patent and Trademark Office:	Please record the attached original documents or copies thereof.
Name of conveying party(ies):	Name and address of receiving party(ies):
Yu-Chong Tai (08/18/05) Jun Xie (08/12/05) Chi-yuan Shih (08/09/05) Qîng He (08/14/05)	California Institute of Technollogy 1200 East California Blvd. Mail Code 210-85 Pasadena, CA 91125
Additional conveying party(ies) NO	
3. Nature of conveyance:	
ASSIGNMENT	
Execution Date:	Additional name(s) & address(es) attached? NO
Application number(s) or patent number(s):	Additional name(s) & address(es) attached? NO
4. Application frameworks or patent frameworks.	
If this is being filed together with a new application, the exec	cution date of the application is:
A. Patent Application Number(s):	B. Patent Number(s):
11/059,625	
Additional numbe	rs attached? NO
Name and address of party to whom correspondence concerning document should be faxed:	Total number of applications/patents involved: 1
	7. Total fee (37 C.F.R. § 3.41): \$40.00
Steven Rutt	
FOLEY & LARDNER LLP	Check Enclosed
Washington Harbour 3000 K Street, N.W., Suite 500	X Charge to deposit account
Washington, D.C. 20007-5143	8. Deposit account number: 19-07/41
Fax: 202-672-5399	o. Deposit account number.
DO NOT USE	THIS SPACE
9. Statement and signature: To the best of my knowledge and belief, the foregoing copy of the original document. The Commissioner is hereby a be required in this matter to the above-identified deposit accounts. Steven Rutt	
Name of person signing	Signature Date
- 	
Total number of pag	es including cover sheet, attachments, and document: 5

PATENT

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Atty. Dkt. No. 049411-0305

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

California Institute of Technology 1200 East California Blvd. Mail Code 210-85 Pasadena, CA 91125

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

ON-CHIP TEMPERATURE CONTROLLED LIQUID CHROMATOGRAPHY METHODS AND DEVICES

as set forth in this United States Patent Application	as set forth in this Uni	ited States Pate	ent Application
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check one	[] executed concurrently herewith,
	[] executed on,
	[X] Serial No. <u>11/059,625</u> Filed <u>02/17/2005</u>

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, including U.S. Provisional Application Serial No.: 60/545,727, filed February 17, 2004, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (c) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

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Atty. Dkt. No. 049 411-0305

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

PATENT REEL: 016672 FRAME: 0239

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Executed this 18th day of 10g, 200	ζ
Procedured this (1) day of	
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	YE-CHONG TAI
re of	JO-CHIANO I/M
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On this day of, 20, before me, a dONG TAL who is personally known to me to be the same person whose name crowledged that he/she signed, sealed, and delivered the said instrument as his rein set forth.	a notary public in and for said county, appeared YU- e is subscribed to the foregoing instrument, and he/she is/her free and voluntary act for the uses and purposes
	Notary Public
(Scal)	My Commission Expires:,
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Executed this 124Lday of Aug_, 200	<i>Ş</i>
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te of) ss. unty of)	JUN XIE
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On this day of, 20, before me. o is personally known to me to be the same person whose name is subscribed she signed, sealed, and delivered the said instrument as his/her free and volument as his/her fr	JUN XIE a notary public in and for said county, appear d JUN XIE, to the foregoing instrument, and he/she acknowledged that ntary act for the uses and purposes therein set orth. Notary Public My Commission Expires:
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My Commission Expires: _________________________________

RECORDED: 08/26/2005

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