-31-92	U.S. DEPARIMENT OF COMMERC Patent and Trademark Offic
To the Honor of Passistant Commissioner for Patents and Irademark	s. Prease record the attached original documents or copy thereof.
 Name of conveying party(ies): Thomas J. MEADE; Scott FRASER; Russell JACOBS; and Wenhong LI: California Institute of Technology Additional name(s) of conveying party(ies) attached? [] Yes [X] No 	2. Name and address of receiving party(ies): Name: <u>Research Corporation Technologies, Inc.</u> Internal Address:
<pre>3. Nature of Conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other</pre>	Street Address: 101 North Wilmot Road - Suite 600 City: Tucson State: Arizona Zip: 85711-3335 Country: U.S.A. Additional name(s) & address(es) attached?
Execution Date: <u>20 Dec. 1999 and 17 Jan. 2000</u>	[] Yes [X] No
4. Application number(s) or patent number(s): if this document is being filed together with a new application, the	e execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/405.046	
Additional numbers attac	hed? []Yes [X]No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications 1 and patents involved:
Name:	<pre>7. Total fee (37 CFR § 3.41):\$ 40.00 [*] Enclosed [] Authorized to be charged to deposit account</pre>
Street Address: Four Embarcadero Center Suite 3400 City: San Francisco State: California Zip: 941211-4187	8. Deposit account number: <u>06-1300</u> Please debit any underpayment or credit any overpayment to the above deposit account. Our Order No. <u>A-58634-6/RFT/RMS/RMK</u> (Attach duplicate of this page if paying by deposit account)
DO NOT USE	THIS SPACE
is a true copy of the original document. Robin M. Silva Name of Person Signing Total number of pages i	information is true and correct and any attached copy <u>M.S.M. 19 January 2000</u> ature Date ncluding cover sheet, attachments and document: [7]
OMB Nc. 0651-0011 (exp. 4/94)	
Mail documents to be recorded with required cover sheet i Honorable Commissioner c FIGED DAMMANE DOLUGED ENDERLY Box Ass	

(b) the APPLICATION, all foreign applications and all divisional and continuation, in whole and in part, applications based on the APPLICATION;

(c) all patents resulting from the APPLICATION and applications described in subparagraph 4(b) herein; and

(d) all reissues, extensions, renewals and reexaminations of the patents described in subparagraph 4(c) herein.

5. This Assignment shall allow INSTITUTION to file the applications described in paragraph 4 herein in its own name (but naming the INVENTORS as the inventors) in all countries of the world (where it is permissible) and the right to claim the benefit of the priority right provided by the International Convention of 1883, as amended.

6. Each INVENTOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue to INSTITUTION all U.S. patents described in paragraph 4 herein that may be granted.

7. Each INVENTOR agrees for himself or herself and his or her heirs, executors and administrators to execute any further lawful documents that INSTITUTION might consider necessary to fully protect its interest in the INVENTION and the documents described in paragraph 4 herein.

8. Each INVENTOR covenants that he or she has not granted any right or license to make, use or sell the INVENTION to anyone, except to the extent that he or she is obligated to grant a nonexclusive, nontransferable, royalty-free, irrevocable license to the Government of the United States of America pursuant to the terms of a certain Government grant(s), which license shall not be affected by the execution and delivery of this assignment.

9. Each INVENTOR also covenants that he or she has not encumbered his or her right, title and interest in the INVENTION or APPLICATION other than the exceptions listed in paragraph 8 herein, and has not, and will not, sign any document that conflicts with this Assignment.

Assignment from INSTITUTION to RCT

10. INSTITUTION hereby assigns to RCT its entire right, title and interest in

(a) the INVENTION;

(b) the APPLICATION, all foreign applications and all divisional and continuation, in whole and in part, applications based on the APPLICATION;

(c) all patents resulting from the APPLICATION and applications described in (b); and

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PATENT REEL: 010520 FRAME: 0357 (d) all reissues, extensions, renewals and reexaminations of the patents described in (c).

11. This Assignment shall allow RCT to file the applications described in paragraph 10 herein in its own name (but naming the INVENTORS as the inventors) in all countries of the world (where it is permissible) and the right to claim the benefit of the priority right provided by the International Convention of 1883, as amended.

12. INSTITUTION hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue to RCT all U.S. patents described in paragraph 10 herein that may be granted.

13. INSTITUTION agrees to execute any further lawful documents that RCT might consider necessary to fully protect its interest in the INVENTION and the documents described in paragraph 10 herein.

14. INSTITUTION covenants that it has not granted any right or license to make, use or sell the INVENTION to anyone, except to the extent that it is obligated to grant a nonexclusive, nontransferable, royalty-free, irrevocable license t the Government of the United States of America pursuant to the terms of a certain Government grant(s), which license shall not be affected by the execution and delivery of this Assignment.

15. INSTITUTION also covenants that it has not encumbered its right, title and interest in the INVENTION or APPLICATION other than the exceptions listed in

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PATENT REEL: 010520 FRAME: 0358

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paragraph 8 herein, and has not, and will not, sign any document that conflicts with this Assignment.

Thomas J. MEADE	/2-20-99 Date
Address: <u>4656 New York Drive, Altadena</u>	
County of <u>LOS ANGELES</u> State of <u>CALIFORNIA</u> ss.	
personally appeared <u>Thomas J. MEADE</u> , p satisfactory evidence) to be the person whos acknowledged that he she executed the same	A Notary Public of the State of <u>AUFORNA</u> , before me, ersonally known to me (or proved to me on the basis of se name is subscribed to the within instrument, and in hisher authorized capacity (ies), and that by hisher entity upon behalf of which the person acted, executed
WITNESS my hand and official seal.	PENELOPE WOLFE Commission # 1172725 Norary Public - California
Signature Jenelope Wolf	My Comm. Expires Feb 27, 2002
AT The second se	20 Doc 99
Scott FRASER	Date
Address: 503 Dartmouth Place, La Canad	ta, California 91011
County of Los ANGELES	
State of CAUFORNIA SS.	
acknowledged that (he she executed the same	nbe, in the year <u>1999</u> , before me, a Notary Public of the State of <u>CALIFORNIA</u> sonally known to me (or proved to me on the basis of se name is subscribed to the within instrument, and inhis her authorized capacity(ies) , and that by his her entity upon behalf of which the person acted, executed
WITNESS my hand and official seal. Signature <u>Jenelope Wolf</u>	PENELOPE WOLFE Commission # 1172725 Notary Public - California Los Angeles County My Comm. Expires Feb 27, 2002
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Dary	R
Russell JACOBS	s/

Date

Address: 2100 South Eighth Avenue, Arcadia, California 91006

County of Los ANGELES SS. State of CAUFORNIA On this 20 th day of <u>December</u>, in the year <u>1999</u>, before me, <u>Penelope</u> <u>Wolfe</u>, a Notary Public of the State of <u>CALFORNIA</u>, personally appeared <u>Rusell JACOBS</u>, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he same in this her authorized capacity (ies), and that by his hersignature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. PENELOPE WOLFE Commission # 1172725 WITNESS my hand and official seal. Notary Public - California Los Angeles County My Comm. Expires Feb 27, 2012 Kenelopeleo L.S. Wenhana Ll Date Address: <u>125 South Sierra Madre Boulevard, No. 111, Pasadena, California</u> 91107 County of Los ANGELES State of CALIFORNIA On this 20th day of <u>December</u>, in the year <u>1999</u>, before me, enclope Wolfe_____, a Notary Public of the State of <u>CALFORNIA</u>, personally appeared Wenhong LI, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he she executed the same in his ther authorized capacity (ies), and that by his ther signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. PENELOPE WOLFE WITNESS my hand and official seal. Commission # 1172725 Notary Public - California Los Angeles County My Comm. Expires Feb 27, 2002) enelopelide Signature L.S

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CALIFORNIA INSTITUTE OF TECHNOLOGY

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January 2000

FENELOPE WOLFE Commission # 1172725

Notary Public - California Los Angeles County My Comm. Expires Feb 27, 2002

28.

Adam Cochran Title: Chief Intellectual Property Counsel

County of Los Angeles SS. State of CALIFORNIA

On this <u>17th</u> day of <u>January</u>, in the year <u>2000</u>, before me, <u>Penelope</u> Wolfe ——, a Notary Public of the State of <u>CAUFORNIA</u>,

personally appeared <u>Adam COCHRAN</u> personally known to me (or proved to me on the basis of -satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he she executed the same in his her authorized capacity(ies), and that by his her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

enelopele Signature

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PATENT REEL: 010520 FRAME: 0361

RECORDED: 01/24/2000