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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)	2002 MAR 12 PM 12:34 03-28-2002  DEPARTMENT OF COMMERCE Patent and Trademark Office						
FINANCE SECTION							
Please record the attachment 102034401							
1. Name of conveying party(ies): Joel Bader (March 9, 2002) Yi Liu (March 5, 2002) Darius Dziuda (October 30, 2001) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: CuraGen Corporation Internal Address: 555 Long Wharf Drive, 11 th Floor New Haven, CT 06511 Street Address: 555 Long Wharf Drive, 11 th Floor New Haven, CT 06511 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
3. Nature of conveyance: <table style="width: 100%;"><tr><td><input checked="" type="checkbox"/> Assignment</td><td><input type="checkbox"/> Merger</td></tr><tr><td><input type="checkbox"/> Security Agreement</td><td><input type="checkbox"/> Change of Name</td></tr><tr><td colspan="2"><input type="checkbox"/> Other _____</td></tr></table>		<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	<input type="checkbox"/> Other _____	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger						
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name						
<input type="checkbox"/> Other _____							
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is _____ A. Patent Application No(s): 09/900,621 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
5. Name and address of party to whom correspondence Concerning document should be mailed: Name: Ivor R. Elrifi Address: MINTZ, LEVIN, COHN, FERRIS GLOVSKY and POPEO, P.C. One Financial Center Boston, MA 02111	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> The Commissioner is authorized to charge Deposit Account No: 50-0311, Reference No. 21402-019 (Cura-319)						
DO NOT USE THIS SPACE							
9. Statement and signature <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Naomi S. Biswas, Reg. No. 38,384 March 12, 2002 Name of Person Signing Signature Date							
Total number of pages including cover sheet, attachments, and document: [12]							

Mail documents to be recorded with required cover sheet information to:

BOX ASSIGNMENT
Commissioner of Patents and Trademarks
Washington, D.C. 20231

03/27/2002 TDIAZ1 00000066 09900621

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40.00 OP

TRA 1642337v1

PATENT
REEL: 012713 FRAME: 0111

ASSIGNMENT

We, Joel Bader, Yi Lui and Darius Dziuda, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to CURAGEN CORPORATION, a Delaware corporation, with offices at 555 Long Wharf Drive, 11th Floor, New Haven, CT 06511 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

METHODS FOR CLASSIFYING NUCLEIC ACIDS AND POLYPEPTIDES

filed with the U.S. Patent and Trademark Office on July 6, 2001 and assigned Serial No. 09/900,621, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Express Mail No.:
Date of Deposit:

Attorney Docket No.: 21402-019 (CURA-319)

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 3/9/02

Joel Bader
Signature of Joel Bader

State of Connecticut
Country of United States

Subscribed and sworn to before me this 9 day of March 02.

[Signature]
Notary Public
My commission expires 2/28/04.

Date:

Signature of: Yi Lui

State of _____

Country of _____

Subscribed and sworn to before me this ____ day of _____.

Notary Public

My commission expires _____.

Express Mail No.:
Date of Deposit:

Attorney Docket No.: 21402-019 (CURA-319)

Date: _____

Signature of Darius Dziuda

State of _____

Country of _____

Subscribed and sworn to before me this ____ day of _____.

Notary Public

My commission expires _____

TRA 1577369v1

ASSIGNMENT

We, Joel Bader, Yi Lui and Darius Dziuda, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to CURAGEN CORPORATION, a Delaware corporation, with offices at 555 Long Wharf Drive, 11th Floor, New Haven, CT 06511 and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

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Date:

Signature of Joel Bader

State of _____


Country of _____

Subscribed and sworn to before me this ____ day of _____.

Notary Public

My commission expires _____.

Date: 3/5/02



Signature of: Yi Liu

State of California

Country of US

Subscribed and sworn to before me this 5th day of March.



Notary Public

My commission expires 6/22/05.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

San Diego

} ss.

On

3/5/02

Date

, before me,

Diana Neuner

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

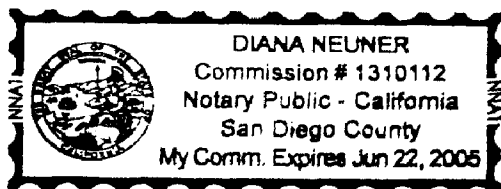
Yi Liu

Name(s) of Signer(s)

☐ personally known to me

☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Diana Neuner

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____

Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

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☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Express Mail No.:
Date of Deposit:

Attorney Docket No.: 21402-019 (CURA-319)

Date:

Signature of Darius Dziuda

State of _____

Country of _____

Subscribed and sworn to before me this ____ day of _____.

Notary Public

My commission expires _____

TRA 1577369v1

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Date:

Signature of Joel Bader

State of _____

Country of _____

Subscribed and sworn to before me this ____ day of _____.

Notary Public

My commission expires _____.

Date:

Signature of: Yi Liu

State of _____

Country of _____

Subscribed and sworn to before me this ____ day of _____.

Notary Public

My commission expires _____.

Express Mail No.:
Date of Deposit:

Attorney Docket No.: 21402-019 (CURA-319)

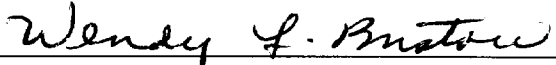
Date: 10/30/2001


Signature of Darius Dziuda

State of Connecticut

Country of USA

Subscribed and sworn to before me this 30th day of October 2001


Notary Public

My commission expires 3-31-01

TRA 1577369v1