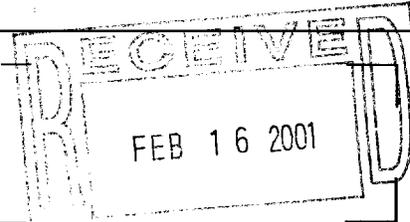


02-26-2001



101620159



U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

2-16-01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID# \_\_\_\_\_

Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other \_\_\_\_\_

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

|                     |                      |                |                |
|---------------------|----------------------|----------------|----------------|
| Name (line 1)       | David J. Roach       | Execution Date | Month Day Year |
|                     |                      | 02             | 06 2001        |
| Name (line 2)       | _____                |                |                |
| <b>Second Party</b> |                      | Execution Date | Month Day Year |
| Name (line 1)       | Robert T. Loder, Jr. | 02             | 06 2001        |
| Name (line 2)       | _____                |                |                |

09737675

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) MOLECULAR DYNAMICS, INC.

Name (line 2) \_\_\_\_\_

Address (line 1) 928 East Arques Avenue

Address (line 2) \_\_\_\_\_

Address (line 3) Sunnyvale California 94086  
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

Address (line 4) \_\_\_\_\_

**FOR OFFICE USE ONLY**

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FEB 15 2001

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

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. Charges to deposit account are authorized, as indicated herein.

Thomas Schneck

February 14, 2001

Name of Person Signing

Signature

Date

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  City  State/Country  Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

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Address (line 3)  City  State/Country  Zip Code

## Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Execution Date  
Month Day Year

Execution Date  
Month Day Year

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Name (line 1)

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Address (line 1)

Address (line 2)

Address (line 3)

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Patent Application Number(s)

Patent Number(s)

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A S S I G N M E N T

WHEREAS, the undersigned, DAVID J. ROACH, having an address of 15904 Cherry Blossom Lane, Los Gatos, County of Santa Clara, State of California, 95032; ROBERT T. LODER, JR., having an address of 695 Ontario Ct., #2, Sunnyvale, County of Santa Clara, State of California, 94087; THOMAS M. ARMSTRONG, having an address of 1556 Halford Avenue, Ste. 423, Santa Clara, County of Santa Clara, State of California, 95051, DENNIS W. HARRIS, having an address of 320 Chesley Avenue, Mountain View, County of Santa Clara, State of California, 94040; STEVAN B. JOVANOVIICH, having an address of 723 Hazel Street, Livermore, County of Alameda, State of California, 94550 and RICHARD F. JOHNSTON, having an address of 4551 Murphys Camp Road, Murphys, County of Calaveras, State of California, 95247; (hereinafter termed Assignors) have co-invented certain new and useful improvements in an invention entitled APPARATUS AND METHOD FOR FILLING AND CLEANING CHANNELS AND INLET PORTS IN MICROCHIPS USED FOR BIOLOGICAL ANALYSIS; filed on December 13, 2000 and assigned Serial No. 09/737,675;

WHEREAS, MOLECULAR DYNAMICS, INC., a corporation of the State of California, having an address of 928 East Arques Avenue, Sunnyvale, California 94086 (hereinafter termed Assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by said Assignors from said Assignee, the receipt and sufficiency of which in full are hereby acknowledged by said Assignors:

1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any of said application specifically identified herein, and in and to each and every reissue or extension of said Letters Patent.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee whereby said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and

interest herein conveyed; (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of Letters Patent included herein, or for interference proceedings involving said invention and/or said improvements; (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, these said Assignors have executed and delivered this instrument on the dates shown below.

2/6/2001  
DATE

David J. Roach  
DAVID J. ROACH

2/6/2001  
DATE

Robert T. Loder, Jr.  
ROBERT T. LODER, JR.

2-08-01  
DATE

Thomas M. Armstrong  
THOMAS M. ARMSTRONG

2/12/2001  
DATE

Dennis W. Harris  
DENNIS W. HARRIS

2/12/2001  
DATE

Stevan B. Jovanovich  
STEVAN B. JOVANOVIICH

2-6-01  
DATE

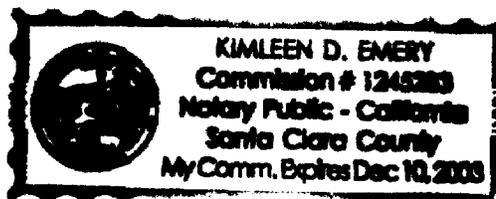
Richard F. Johnston  
RICHARD F. JOHNSTON

County of Santa Clara )  
 ) s.s.  
State of California )

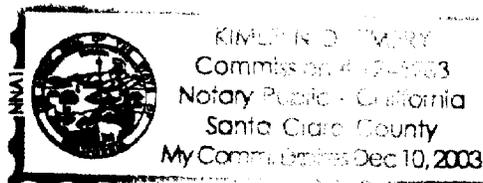
On February 6, 2001, before me, Kimleen D. Emery, Notary Public personally appeared DAVID J. ROACH, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his 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.

Signature Kimleen D. Emery (Seal)



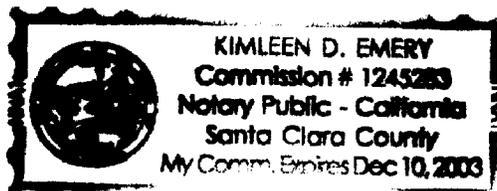
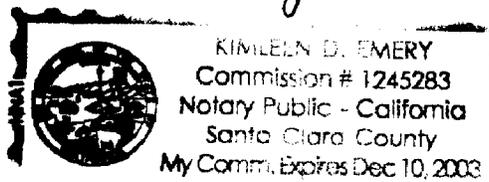
County of Santa Clara )  
 ) s.s.  
State of California )



On February 6, 2001, before me, Kimleen D. Emery, Notary Public personally appeared ROBERT T. LODER, JR., 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 to me that he executed the same in his authorized capacity, and that by his 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.

Signature Kimleen D. Emery (Seal)

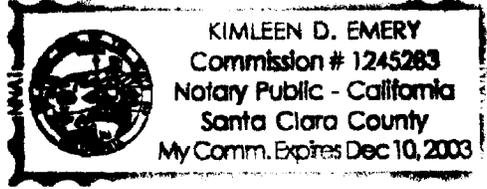


County of Santa Clara )  
 ) s.s.  
State of California )

On February 8, 2001, before me, Kimleen D. Emery, Notary Public personally appeared THOMAS M. ARMSTRONG, 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 to me that he executed the same in his authorized capacity, and that by his 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.

Signature Kimleen D. Emery (Seal)

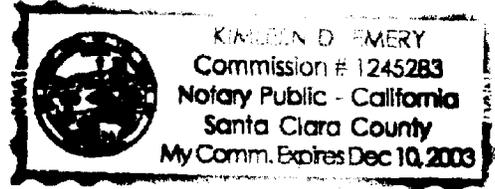


Country of Santa Clara )  
 ) s.s.  
State of California )

On February 12, 2001, before me, Kimleen D. Emery, Notary Public personally appeared DENNIS W. HARRIS, 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 to me that he executed the same in his authorized capacity, and that by his 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.

Signature Kimleen D. Emery (Seal)

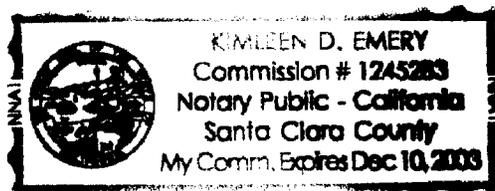


County of Alameda )  
 ) s.s.  
State of California )

On February 12, 2001, before me, Kimleen D. Emery, Notary Public personally appeared STEVAN B. JOVANOVICH, 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 to me that he executed the same in his authorized capacity, and that by his 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.

Signature Kimleen D. Emery (Seal)



County of Calaveras )  
 ) s.s.  
State of California )

On February 6, 2001, before me, Kimleen D. Emery, Notary Public personally appeared RICHARD F. JOHNSTON, 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 to me that he executed the same in his authorized capacity, and that by his 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.

Signature Kimleen D. Emery (Seal)

