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10-02-2001

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Attorney Docket Number  
9301-094-999

9-18-01

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

Box Assignment  
Washington, DC 20231

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Daniel D. Shoemaker  
Stewart Scherer  
Steven J. Altschuler  
Lani F. Wu  
Christopher D. Armour

## 2. Name and address of receiving party(ies):

Name: Rosetta Inpharmatics, Inc.Address: 12040 115<sup>th</sup> Avenue N.E., Kirkland, Washington 98034

Country (if other than USA): \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: August 10, 2001, August 8, 2001, August 27, 2001,  
August 27, 2001, August 10, 2001, respectively

## 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) 09/781,814

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP  
1155 Avenue of the Americas  
New York, NY 100366. Number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00

Please charge to the deposit account listed in Section 8.

8. Deposit account number:  
16-1150

DO NOT USE THIS SPACE

## 9. 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.*

Adriane M. Antler 32,605

Name of Person Signing Reg. No.

Signature

Date

09/01/2001 DBYRME 00000187 161150 09781814

Total number of pages including cover sheet:

5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignment  
Washington, D.C. 20231

PATENT NY2 - 1236932.1

REEL: 012200 FRAME: 0943

## ASSIGNMENT

WHEREAS, WE, DANIEL D. SHOEMAKER, citizen of the United States, residing at 14316 106th Avenue N.E., Bothell, Washington, 98011; STEWART SCHERER, citizen of the United States, residing at 3938 Paseo Grande, Moraga, California, 95556; STEVEN J. ALTSCHULER, citizen of the United States, residing at 16134 NE 44<sup>th</sup> Court, Redmond, Washington, 98052; LANI F. WU, citizen of the United States, residing at 16134 NE 44<sup>th</sup> Court, Redmond, Washington 98052; and CHRISTOPHER J. ARMOUR, citizen of the United States, residing at 11632 100 Avenue NE #120, Kirkland, Washington 98034; ASSIGNORS, are the inventors of the invention in **GENE DISCOVERY USING MICROARRAYS** for which we have filed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ \_\_\_\_\_

- ☒ which is identified by Pennie & Edmonds LLP docket no. 9301-094-999  
☒ which was filed on February 12, 2001, Application No. 09/781,814

and WHEREAS, **ROSETTA INPHARMATICS, INC.**, a corporation organized and existing under the laws of the state Delaware, and having an office for the transaction of business at 12040 115th Avenue N.E., Kirkland, Washington 98034, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.


AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 8-10-01, 2001  L.S.  
 DANIEL D. SHOEMAKER

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.  
 STEWART SCHERER

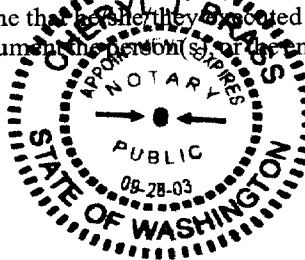
Date 8-27-01, 2001  L.S.  
 STEVEN J. ALTSCHULER

Date 8-27-01, 2001  L.S.  
 LANI F. WU

Date 8-10-01, 2001  L.S.  
 CHRISTOPHER D. ARMOUR

State of Washington )  
County of King ) SS.:

On August 10, 2001, before me, Cheryl Brass, Notary Public, personally appeared DANIEL D. SHOEMAKER, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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

Cheryl Brass  
State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public, personally appeared STEWART SCHERER, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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

State of Mass. )  
County of Middlesex ) SS.:

On August 27, 2001, before me, Denise Dussault, Notary Public, personally appeared STEVEN J. ALTSCHULER, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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

Denise Dussault  
State of Mass. )  
County of Middlesex ) SS.:

**DENISE DUSSAULT**  
**NOTARY PUBLIC**  
My Commission Expires: 10/24/02

On August 27, 2001, before me, Denise Dussault, Notary Public, personally appeared LANIF WU, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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

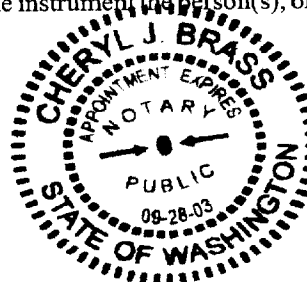
Denise Dussault  
State of Washington )  
County of King ) SS.:

**DENISE DUSSAULT**  
**NOTARY PUBLIC**  
My Commission Expires: 10/24/02

On August 10, 2001, before me, Cheryl Brass, Notary Public, personally appeared CHRISTOPHER D. ARMOUR, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is 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

Cheryl Brass



## ASSIGNMENT

WHEREAS, WE, DANIEL D. SHOEMAKER, citizen of the United States, residing at 14316 106th Avenue N.E., Bothell, Washington, 98011; STEWART SCHERER, citizen of the United States, residing at 3938 Paseo Grande, Moraga, California, 95556; STEVEN J. ALTSCHULER, citizen of the United States, residing at 16134 NE 44<sup>th</sup> Court, Redmond, Washington, 98052; LANI F. WU, citizen of the United States, residing at 16134 NE 44<sup>th</sup> Court, Redmond, Washington 98052; and CHRISTOPHER J. ARMOUR, citizen of the United States, residing at 11632 100 Avenue NE #120, Kirkland, Washington 98034; ASSIGNORS, are the inventors of the invention in **GENE DISCOVERY USING MICROARRAYS** for which we have filed an application for a Patent of the United States

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☒ which is identified by Pennie & Edmonds LLP docket no. 9301-094-999

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NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.

DANIEL D. SHOEMAKER

Date 8 August, 2001 \_\_\_\_\_ L.S.

STEWART SCHERER

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.

STEVEN J. ALTSCHULER

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.

LANI F. WU

Date \_\_\_\_\_, 2001 \_\_\_\_\_ L.S.

CHRISTOPHER D. ARMOUR

State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public,  
personally appeared DANIEL D. SHOEMAKER, personally known to me on the basis of satisfactory evidence to be the  
person(s) whose name(s) is 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

State of California )  
County of Contra Costa ) SS.:

On 8 August, 2001, before me, J.A. COPELAND, Notary Public,  
personally appeared STEWART SCHERER, personally known to me on the basis of satisfactory evidence to be the person(s)  
whose name(s) is 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

State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public,  
personally appeared STEVEN J. ALTSCHULER, personally known to me on the basis of satisfactory evidence to be the  
person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
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WITNESS my hand and official seal

State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public,  
personally appeared LANIE WU, personally known to me on the basis of satisfactory evidence to be the person(s) whose  
name(s) is 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  
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WITNESS my hand and official seal

State of )  
County of ) SS.:

On \_\_\_\_\_, 2001, before me, \_\_\_\_\_, Notary Public,  
personally appeared CHRISTOPHER D. ARMOUR, personally known to me on the basis of satisfactory evidence to be the  
person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
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