

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Alice L. Erwin	06/09/2004
Eric A. Harwood	06/22/2004
Toni Kline	05/25/2004
Khisimuzi Mdluli	06/10/2004
Ribhi Shawar	06/16/2004
Simon Ng	05/06/2004
Keith B. Pfister	05/06/2004
Allan S. Wagman	05/06/2004
Asha Yabannavar	05/06/2004

**RECEIVING PARTY DATA**

<b>Name:</b>	Chiron Corporation
<b>Street Address:</b>	4560 Horton Street
<b>City:</b>	Emeryville
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94608

**PROPERTY NUMBERS Total: 4**

Property Type	Number
Patent Number:	7358359
Patent Number:	7989660
Application Number:	11981279
Application Number:	12563697

**CORRESPONDENCE DATA**

Fax Number: (415)442-1001  
 Phone: 4154421000  
 Email: sfipdocketing@morganlewis.com

**CH \$160.00 7358359**

**501685172**

**PATENT  
 REEL: 027033 FRAME: 0398**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

Correspondent Name: Annette S. Parent, J.D., Ph.D.  
Address Line 1: Morgan, Lewis & Bockius, LLP  
Address Line 2: One Market, Spear Street Tower  
Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	010395-5002
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NAME OF SUBMITTER:	Leonor Rivera-Huerta
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**Total Attachments: 20**

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source=A\_Erwin#page3.tif  
source=E\_Harwood#page1.tif  
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source=T\_Kline#page3.tif

**ASSIGNMENT**

**WHEREAS, WE, Alice Erwin, Eric Harwood, Toni Kline, Khisimuzi Mdluli, Simon Ng, Keith B. Pfister, Ribhi Shawar, Allan S. Wagman and Asha Yabannavar**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ANTIBACTERIAL AGENTS**

Date of Execution: June 9, 2004

Filing Date: 01/08/04

Serial No: 10/754,928

**WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California, 94608-2916, a corporation of the State of Delaware, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;**

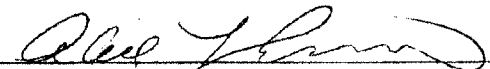
**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNORS** also agree that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

DATE 6/9/04

  
 \_\_\_\_\_  
 Alice Erwin

DATE \_\_\_\_\_

\_\_\_\_\_  
 Eric Harwood

DATE \_\_\_\_\_

\_\_\_\_\_  
 Toni Kline

DATE \_\_\_\_\_

\_\_\_\_\_  
 Khisimuzi Mdluli

DATE \_\_\_\_\_

\_\_\_\_\_  
 Simon Ng

DATE \_\_\_\_\_

\_\_\_\_\_  
 Keith B. Pfister

DATE \_\_\_\_\_

\_\_\_\_\_  
 Ribhi Shawar

DATE \_\_\_\_\_

\_\_\_\_\_  
 Allan S. Wagman

DATE \_\_\_\_\_

\_\_\_\_\_  
Asha Yabannavar

STATE OF Washington  
COUNTY OF King

On June 9, 2004 before me, Katherine E. Weybright Notary Public, personally appeared Alice L. Erwin 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.

Katherine E. Weybright  
Signature of Notary Public



**ASSIGNMENT**

*WHEREAS, WE,* Alice Erwin, Eric Harwood, Toni Kline, Khisimuzi Mdluli, Simon Ng, Keith B. Pfister, Ribhi Shawar, Allan S. Wagman and Asha Yabannavar

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ANTIBACTERIAL AGENTS**

Date of Execution: June 22, 2004

Filing Date: 01/08/04

Serial No: 10/754,928

*WHEREAS,* CHIRON CORPORATION, 4560 Horton Street, Emeryville, California, 94608-2916, a corporation of the State of Delaware, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:* Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

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IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

DATE \_\_\_\_\_  
Alice Erwin

DATE 22 Jun 04 \_\_\_\_\_  
Eric Harwood

Kiao Shang  
Witness

Bridget R. Miller  
Witness

DATE \_\_\_\_\_  
Toni Kline

DATE \_\_\_\_\_  
Khisimuzi Mdluli

\_\_\_\_\_  
Witness  
\_\_\_\_\_

Witness

DATE \_\_\_\_\_

\_\_\_\_\_  
Simon Ng

DATE \_\_\_\_\_

\_\_\_\_\_  
Keith B. Pfister



DATE \_\_\_\_\_

\_\_\_\_\_  
Ribhi Shawar

DATE \_\_\_\_\_

\_\_\_\_\_  
Allan S. Wagman

DATE \_\_\_\_\_

\_\_\_\_\_  
Asha Yabannavar

PATENT  
Uniron Docket No. PP19720.004**ASSIGNMENT**

**WHEREAS, WE, Alice Erwin, Eric Harwood, Toni Kline, Khisimuzi Mdluli, Simon Ng, Keith B. Pfister, Ribhi Shawar, Allan S. Wagman and Asha Yabannavar**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ANTIBACTERIAL AGENTS**

Date of Execution: June 10, 2004

Filing Date: 01/08/04

Serial No: 10/754,928

**WHEREAS, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California, 94608-2916, a corporation of the State of Delaware, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;**

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**ASSIGNORS** also agree that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

PATENT  
Uniron Docket No. PP19720.004

**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

*IN TESTIMONY WHEREOF, ASSIGNORS* have hereunto signed their names to this assignment on the dates indicated below.

DATE \_\_\_\_\_

\_\_\_\_\_  
Alice Erwin

DATE \_\_\_\_\_

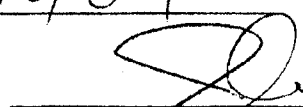
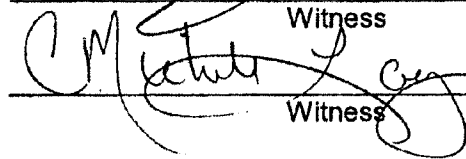
\_\_\_\_\_  
Eric Harwood

DATE \_\_\_\_\_

\_\_\_\_\_  
Toni Kline

DATE 6/10/04

  
\_\_\_\_\_  
Khisimuzi Mdluli

  
\_\_\_\_\_  
Witness  
  
\_\_\_\_\_  
Witness

DATE \_\_\_\_\_

\_\_\_\_\_  
Simon Ng

DATE \_\_\_\_\_

\_\_\_\_\_  
Keith B. Pfister

PATENT  
Cniron Docket No. PP19720.004

DATE \_\_\_\_\_

\_\_\_\_\_  
Ribhi Shawar

DATE \_\_\_\_\_

\_\_\_\_\_  
Allan S. Wagman

DATE \_\_\_\_\_

\_\_\_\_\_  
Asha Yabannavar

PATENT  
Chiron Docket No. PP19720.004**ASSIGNMENT**

*WHEREAS, WE,* Alice Erwin, Eric Harwood, Toni Kline, Khisimuzi Mdluli, Simon Ng, Keith B. Pfister, Ribhi Shawar, Allan S. Wagman and Asha Yabannavar

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ANTIBACTERIAL AGENTS**

Date of Execution: June 16, 2004

Filing Date: 01/08/04

Serial No: 10/754,928

*WHEREAS,* CHIRON CORPORATION, 4560 Horton Street, Emeryville, California, 94608-2916, a corporation of the State of Delaware, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

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PATENT  
Chiron Docket No. PP19720.004

**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

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DATE \_\_\_\_\_  
Alice Erwin

DATE \_\_\_\_\_  
Eric Harwood

DATE \_\_\_\_\_  
Toni Kline

DATE \_\_\_\_\_  
Khisimuzi Mdluli

DATE \_\_\_\_\_  
Simon Ng

DATE \_\_\_\_\_  
Keith B. Pfister

DATE 6/16/04  
  
Ribhi Shawar

DATE \_\_\_\_\_  
Allan S. Wagman

PATENT  
Chiron Docket No. PP19720.004

DATE \_\_\_\_\_

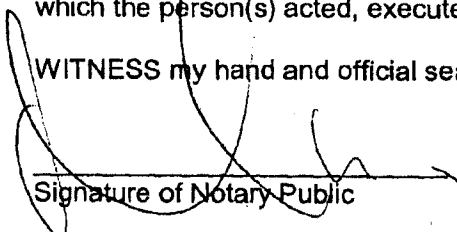
\_\_\_\_\_  
Asha Yabannavar

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On June 16, 2004 before me, Ribhi M Shawa, Notary Public,  
personally appeared \_\_\_\_\_ 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.



Signature of Notary Public

Notary Seal

**MICHAEL E. HADDAD**  
Notary Public, State of Maryland  
My Commission Expires Aug. 28, 2006

**ASSIGNMENT**

**WHEREAS, WE, Eric Harwood, Simon Ng, Keith B. Pfister, Allan S. Wagman and Asha Yabannavar**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ANTIBACTERIAL AGENTS**

Date of Execution: May 6, 2004

Filing Date: 01/08/04

Serial No: 10/754,928

**WHEREAS, CHIRON CORPORATION**, 4560 Horton Street, Emeryville, California, 94608-2916, a corporation of the State of Delaware, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

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IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.

DATE _____	Eric Harwood
DATE <u>May 6, 2004</u>	<u>Ng Chai Wei</u> Simon Ng
DATE <u>5-8-04</u>	<u>Keith B. Pfister</u> Keith B. Pfister
DATE <u>5/6/2004</u>	<u>Allan S. Wagman</u> Allan S. Wagman
DATE <u>5/6/2004</u>	<u>Asha Yabannavar</u> Asha Yabannavar

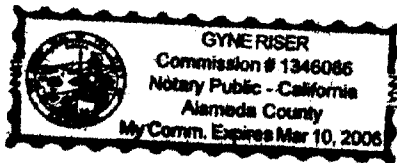
**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California }  
County of Alameda } ss.

On 05/06/04, before me, --Gyne Riser--  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared --Simon Ng, Keith B. Pfister & Allan S. Wagman--  
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.

*Gyne Riser*  
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: PP19720.004

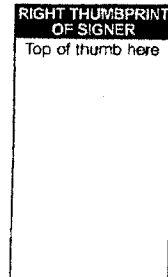
Document Date: May 6, 2004 Number of Pages: --Two--

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

- Signer's Name: \_\_\_\_\_
- Individual
  - Corporate Officer — Title(s): \_\_\_\_\_
  - Partner —  Limited  General
  - Attorney in Fact
  - Trustee
  - Guardian or Conservator
  - Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

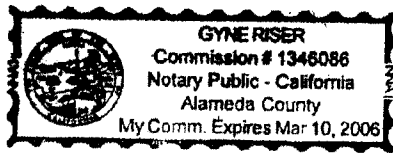


**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California }  
County of Alameda } ss.

On 05/06/04 before me, --Gyne Riser--  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared --Asha Yabannavar--  
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.

*Gyne Riser*  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

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Title or Type of Document: PP19720.004

Document Date: May 6, 2004 Number of Pages: --Two--

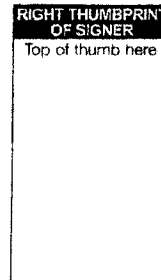
Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



**ASSIGNMENT**

**WHEREAS, WE, Alice Erwin, Eric Harwood, Toni Kline, Khisimuzi Mdluli, Simon Ng, Keith B. Pfister, Ribhi Shawar, Allan S. Wagman and Asha Yabannavar**

hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **ANTIBACTERIAL AGENTS**

Date of Execution: May 25, 2004

Filing Date: 01/08/04

Serial No: 10/754,928

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**ASSIGNORS** also agree that the U.S. serial number may be entered above by **ASSIGNEE** or its agents upon designation of the serial number by the U.S. Patent and Trademark Office.

**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

*IN TESTIMONY WHEREOF, ASSIGNORS* have hereunto signed their names to this assignment on the dates indicated below.

DATE \_\_\_\_\_  
Alice Erwin

DATE \_\_\_\_\_  
Eric Harwood

DATE 5/25/04 \_\_\_\_\_  
Toni Kline

DATE \_\_\_\_\_  
Khisimuzi Mdluli

DATE \_\_\_\_\_  
Simon Ng

DATE \_\_\_\_\_  
Keith B. Pfister

DATE \_\_\_\_\_  
Ribhi Shawar

DATE \_\_\_\_\_  
Allan S. Wagman

DATE \_\_\_\_\_

Asha Yabannavar

STATE OF Washington  
COUNTY OF Snohomish

On May 25, 2004 before me, Ameede R.W. Black, Notary Public, personally appeared Toni Kline personally known to me/~~proved to me on the basis of satisfactory evidence~~ to be the person(x) whose name(x) 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(x) or the entity upon behalf of which the person(x) acted, executed the instrument.

WITNESS my hand and official seal.

Ameede R.W. Black  
Signature of Notary Public

