

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Kim Folger Bruce	03/06/2006
Paul Warrener	03/03/2006

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 9**

Property Type	Number
Application Number:	60298109
Application Number:	60372095
PCT Number:	US0235518
PCT Number:	US0219153
Application Number:	10480838
Application Number:	10511151
Application Number:	11014899
Application Number:	11176497
Application Number:	11246458

**CORRESPONDENCE DATA**

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 Correspondent Name: Novartis Vaccines & Diagnostics Inc

CH \$360.00 60298109

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Address Line 4: Emeryville, CALIFORNIA 94662-8097

ATTORNEY DOCKET NUMBER:	51496-US-PCT
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NAME OF SUBMITTER:	Melodi Dice
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Total Attachments: 6 source=16917#page1.tif source=16917#page2.tif source=16917#page3.tif source=16917#page4.tif source=16917#page5.tif source=16917#page6.tif
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**ASSIGNMENT**

**WHEREAS, WE, KIM FOLGER BRUCE; PAUL WARRENER; KEVIN HOU**  
hereinafter referred to as **ASSIGNORS**, have invented certain new and useful improvements as described and set forth in the below-identified United Kingdom Patent Application(s), International Patent Application(s), and application(s) for United States Letters Patent:

Title of Invention: **ESSENTIAL AND IMPORTANT GENES OF PSEUDOMONAS AERUGINOSA AND THE USE THEREOF TO DESIGN OR IDENTIFY ANTIBACTERIAL AGENTS**

Date of Execution:

Application No(s):	US 60/298,109	Filing Date:	June 15, 2001
	US 60/372,095	Filing Date:	April 15, 2002
	PCT/US02/19153	Filing Date:	June 17, 2002
	US 10/480,838	Filing Date:	June 17, 2002
	PCT/US02/35518	Filing Date:	November 5, 2002
	US 10/511,151	Filing Date:	October 14, 2004
	US 11/014,899	Filing Date:	December 20, 2004
	US 11/176,497	Filing Date:	July 8, 2005
	US 11/246,458	Filing Date:	October 11, 2005

**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(s) 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(s) 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 application 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 name to this assignment on the date indicated below.

DATE March 6, 2006

*Kim Folger Bruce*  
Kim Folger BRUCE

*Lynn M. Rose*

Witness

*Donald A. Watson*

Witness

DATE \_\_\_\_\_

\_\_\_\_\_  
**Paul WARRENER**

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Witness

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Witness

DATE \_\_\_\_\_

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**Kevin HOU**

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Witness

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Witness

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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 name to this assignment on the date indicated below.

DATE \_\_\_\_\_


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**Kim Folger BRUCE**

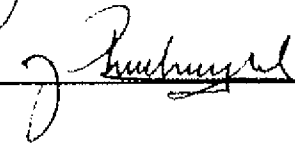
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Witness

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DATE 03 March 2006

  
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**Paul WARRENER**

  
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Witness

  
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Witness

DATE \_\_\_\_\_

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**Kevin HOU**

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