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04-26-1999



100975058

PATENT
Atty. Docket No. 1399.002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ronald N. Zuckermann et al.

Serial No.: 09/067,932 Group Art Unit: 1654

Filed: April 28, 1998 Examiner: M. Borin

For: SNYTHESIZER WITH REAGENT RECYCLING

ASSIGNMENT DOCUMENT COVER LETTER

Box Assignment
Assistant Commissioner for Patents
Washington, D.C. 20231

1. The accompanying assignment covers the patent or application identified above.

X No other patents or applications are covered by the assignment.

— Other patents and/or applications covered by the assignment as shown on the attached LIST OF PATENTS AND/OR APPLICATIONS COVERED BY ASSIGNMENT.

NAMES OF PARTY MAKING TRANSFER

- | | | |
|----|------------------------------|-----------------------------------|
| 2. | Name 1: Ronald N. Zuckermann | Name 6: Benjamin Joseph Ver Steeg |
| | Name 2: Kiet Truong | Name 7: Henry Chin |
| | Name 3: Selina DeRose-Juarez | |
| | Name 4: Katy Shang-Chi Kuey | |
| | Name 5: Geoffrey Owings | |

IDENTITY OF PARTY TO WHOM TRANSFER IS MADE

3. Transfer is being made to:

Chiron Corporation
4560 Horton Street - R440
Emeryville, CA 94608-2916
United States of America

1

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this 8 day of December 1998
By [Signature]

**40E
PATENT**

REEL: 9722 FRAME: 0883

INTENTION OF DOCUMENT

4. The accompanying document is an:

X Assignment (original) ___ License
___ Security Interest ___ Other

X Execution Date(s): August 25, 1998; August 26, 1998; August 27, 1998;
September 3, 1998; and December 2, 1998;

FEE PAYMENT

5. Total fee due \$40.00

___ Charge Deposit Account No. 03-1664 in the sum of \$40.00.

X Enclosed is a check for \$40.00.

X The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 03-1664. THIS IS NOT AN AUTHORIZATION FOR PAYMENT OF ANY ISSUE FEES.

**ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED
AFTER RECORDAL BY PTO**

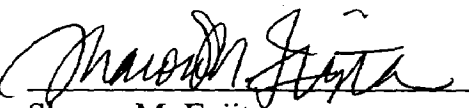
6. Please return the recorded document to:

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
United States of America

STATEMENT BY THE PARTY

7. I hereby submit that, to the best of my knowledge and belief, the information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

By: 
Sharon M. Fujita
Attorney for Applicants
Reg. No. 38,459

December 7, 1998

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
(510) 923-2706
(510) 655-3542 (fax)

Total number of pages comprising cover sheet: 21 (Cover Letter plus Original Assignment)

ASSIGNMENT

WHEREAS, We, Ronald N. Zuckermann, Kiet Truong, Selina DeRose-Jaurez, Katy Shang-Chi Kuey, Matthew Geoffrey Owings, Benjamin Joseph Ver Steeg, and Henry Chin, 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: **SYNTHESIZER WITH REAGENT RECYCLING**

Date(s) of Execution: December 2, 1998 Filing Date: April 28, 1998

Serial No: 09/067,932

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. application 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 names to this assignment on the dates indicated below.

DATE _____
Ronald N. Zuckermann

Witness Signature

DATE _____
Kiet Truong

Witness Signature

DATE 12 - 2 - 98
Selina DeRose-Juarez

Carin Vandehoid
Witness Signature

DATE _____

Katy Shang-Chi Kuey

Witness Signature

DATE _____

Matthew Geoffrey Owings

Witness Signature

DATE _____

Benjamin Joseph Ver Steeg

Witness Signature

DATE _____

Henry Chin

Witness Signature

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Title of Invention: **SYNTHESIZER WITH REAGENT RECYCLING**

Date(s) of Execution: August 26, 1998 Filing Date: April 28, 1998

Serial No: 09/067,932

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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_____ Selina DeRose-Juarez

Witness Signature

DATE _____
Katy Shang-Chi Kuey

Witness Signature

DATE _____
Matthew Geoffrey Owings

Witness Signature

DATE _____
Benjamin Joseph Ver Steeg

Witness Signature

DATE 8/26/98 _____
Henry Chin

Henry Chin

Witness Signature

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Title of Invention: **SYNTHESIZER WITH REAGENT RECYCLING**

Date(s) of Execution: August 26, 1998

Filing Date: April 28, 1998

Serial No: 09/067,932

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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Selina DeRose-Juarez

Witness Signature

DATE _____

Katy Shang-Chi Kuey

Witness Signature

DATE _____

Matthew Geoffrey Owings

Witness Signature

DATE August 26, 1998

Benjamin J. Ver Steeg
Benjamin Joseph Ver Steeg

Amy P. [Signature]
Witness Signature

DATE _____

Henry Chin

Witness Signature

ASSIGNMENT

WHEREAS, We, Ronald N. Zuckermann, Kiet Truong, Selina DeRose-Jaurez, Katy Shang-Chi Kuey, Matthew Geoffrey Owings, Benjamin Joseph Ver Steeg, and Henry Chin, 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: **SYNTHESIZER WITH REAGENT RECYCLING**

Date(s) of Execution: August 26, 1998
 August 27, 1998

Filing Date: April 28, 1998

Serial No: 09/067,932


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;

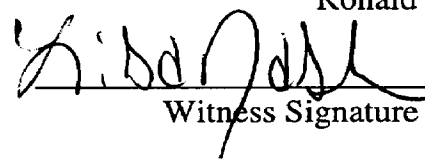
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IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

DATE 8/27/98 _____

 Ronald N. Zuckermann



 Witness Signature

DATE _____

 Kiet Truong

 Witness Signature

DATE _____

 Selina DeRose-Juarez

 Witness Signature

DATE August 26, 1998 *Katy Shang-Chi Kuey*
 Katy Shang-Chi Kuey
Mark-Wayne R. [Signature]
 Witness Signature

DATE _____

 Matthew Geoffrey Owings

 Witness Signature

DATE _____

 Benjamin Joseph Ver Steeg

 Witness Signature

DATE _____

 Henry Chin

 Witness Signature

ASSIGNMENT

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Title of Invention: **SYNTHESIZER WITH REAGENT RECYCLING**

Date(s) of Execution: August 25, 1998

Filing Date: April 28, 1998

Serial No: 09/067,932

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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Witness Signature

DATE _____

Kiet Truong

Witness Signature

DATE _____

Selina DeRose-Juarez

Witness Signature

DATE _____

Katy Shang-Chi Kuey

Witness Signature

DATE 8/25/98

Matthew Geoffrey Owings
Matthew Geoffrey Owings

[Signature]
Witness Signature

DATE _____

Benjamin Joseph Ver Steeg

Witness Signature

DATE _____

Henry Chin

Witness Signature

ASSIGNMENT

WHEREAS, We, Ronald N. Zuckermann, Kiet Truong, Selina DeRose-Juarez, Katy Shang-Chi Kuey, Matthew Geoffrey Owings, Benjamin Joseph Ver Steeg, and Henry Chin, 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: **SYNTHESIZER WITH REAGENT RECYCLING**

Date(s) of Execution: September 3, 1998 Filing Date: April 28, 1998

Serial No: 09/067,932

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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DATE _____

Ronald N. Zuckermann

Witness Signature

DATE 9/3/98 _____


Kiet Truong


Witness Signature

DATE _____

Selina DeRose-Juarez

Witness Signature

DATE _____

Katy Shang-Chi Kuey

Witness Signature

DATE _____

Matthew Geoffrey Owings

Witness Signature

DATE _____

Benjamin Joseph Ver Steeg

Witness Signature

DATE _____

Henry Chin

Witness Signature