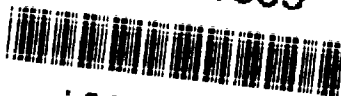


03-02-1999



100976153

PATENT

Atty. Docket No. 1429.002

03-02-99 PM 2:03

MARK OFFICE

COMMUNICATIONS

IN THE UNITED STATES

In re Application of: Christoph Reinhard et al.

Serial No.: 09/206,344

Group Art Unit: 1646

Filed: December 7, 1998

Examiner: to be assigned

For: HUMAN CYCLIN-DEPENDENT KINASE (*hPFTAIRES*)

ASSIGNMENT DOCUMENT COVER LETTER

Box Assignment

Assistant Commissioner for Patents

Washington, D.C. 20231

2.26.99

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: Christoph Reinhard
Name 2: David Pot
Name 3: Altaf Kassam
Name 4: Tasha Marenbach
Name 5: Lewis T. Williams

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

03/01/1999 JSHABAZZ 00000119 09203344
01 FC:581

40.00 OP

1

I hereby certify that this correspondence .
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 18 day of Feb, 1999
By Christoph Reinhard

PATENT
REEL: 9785 FRAME: 0334

RECEIVED

1999 FEB 23 PM 12:03

USPTO/PAID

PATENT

Atty. Docket No. 1429.002

INTENTION OF DOCUMENT

4. The accompanying document is an:

 X Assignment (original) License
 Security Interest Other

 X Execution Date(s): January 21, 1999; January 22, 1999; February 5, 1999;
February 9, 1999; and February 16, 1999

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: 

Robert P. Blackburn
Attorney for Applicants
Reg. No. 30,447

February 17, 1999

CHIRON CORPORATION
Intellectual Property - R440
P.O. Box 8097
Emeryville, California 94662-8097
(510) 923-2702
(510) 655-3542 (fax)

Total number of pages comprising cover sheet: 11 (Cover Letter plus Original Assignment)

ASSIGNMENT

WHEREAS, We, Christoph Reinhard, David Pot, Altaf Kassam, Tasha Marenbach, and Lewis T. Williams, 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: Human Cyclin-Dependent Kinase (*hPFTAIRE*)

Date(s) of Execution: January 21, 1999; February 5, 1999; Filing Date: December 7, 1998
February 9, 1999; and February 16, 1999

Serial No: 09/206,344

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 2/19/99



Christoph Reinhard

DATE 1/21/99



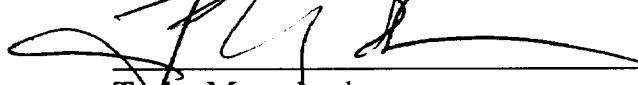
David Pot

DATE 2/5/99



Altaf Kassam

DATE 2/16/99



Tasha Marenbach

DATE _____

Lewis T. Williams

Witness Signature

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

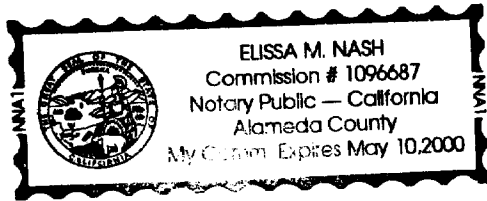
State of California

County of Alameda

On January 21, 1999 before me, Elissa M. Nash
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared David Pot
Name(s) of Signer(s)

☒ personally known to me – **OR** – ☐ 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.

Elissa M. Nash
Signature of Notary Public

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: Assignment

Document Date: _____ Number of Pages: 2

Signer(s) Other Than Named Above: Christoph Reinhard, Altaf Kassam, Tasha Marenbach,
and Lewis T. Williams

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

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

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

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

Signer Is Representing:

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

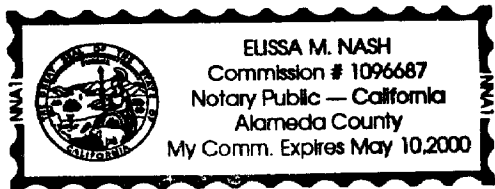
State of California

County of Alameda

On February 5, 1999 before me, Elissa M. Nash
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Altaf Kassam
Name(s) of Signer(s)

☒ personally known to me – OR – ☐ 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.

Elissa M. Nash
Signature of Notary Public

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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: Assignment

Document Date: _____ Number of Pages: 2

Signer(s) Other Than Named Above: Christoph Reinhard and Tasha Marenbach
David Pot and Lewis Williams

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

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

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

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

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

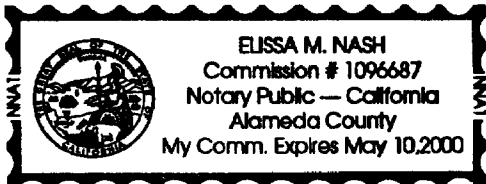
State of California

County of Alameda

On February 9, 1999 before me, Elissa M. Nash,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Christoph Reinhard -----
Name(s) of Signer(s)

☐ personally known to me – **OR** – ☒ 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.

Elissa M. Nash
Signature of Notary Public

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Description of Attached Document

Title or Type of Document: Assignment

Document Date: _____ Number of Pages: 2

Signer(s) Other Than Named Above: David Pot, Altaf Kassam, Tasha Marenbach,
and Lewis T. Williams

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

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

Signer Is Representing:

RIGHT THUMBPRINT
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- ☐ Individual
☐ Corporate Officer
Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney-in-Fact
☐ Trustee
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☐ Other: _____

Signer Is Representing:

RIGHT THUMBPRINT
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

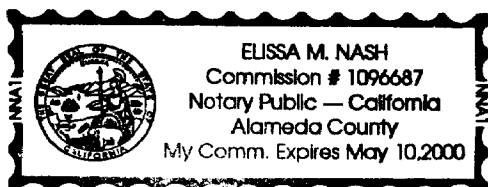
State of California

County of Alameda

On February 16, 1999 before me, Elissa M. Nash _____
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Tasha Marenbach _____
Name(s) of Signer(s)

☒ personally known to me - OR - ☒ 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.

Elissa M. Nash
Signature of Notary Public

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and Lewis T. Williams

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☐ Corporate Officer
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☐ Attorney-in-Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

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

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

ASSIGNMENT

WHEREAS, We, Christoph Reinhard, David Pot, Altaf Kassam, Tasha Marenbach, and Lewis T. Williams, 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: Human Cyclin-Dependent Kinase (*hPFTAIRE*)

Date(s) of Execution: January 22, 1999

Filing Date: December 7, 1998

Serial No: 09/206,344

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 _____

Christoph Reinhard

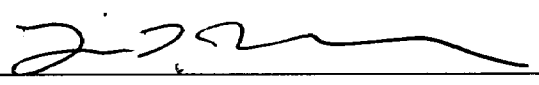
DATE _____

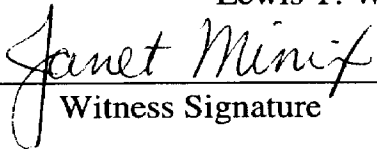
David Pot

DATE _____

Altaf Kassam

DATE _____

Tasha MarenbachDATE 1/22/99

Lewis T. Williams

Witness Signature