

09-14-1998

SEP 3 1998

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

COVER SHEET

BY

ATTY DOCKET 49-97

To the Hon. _____

100825896

and the attached original documents or copy thereof

1. Name of conveying party(ies):

Hung Chang Huang
Kuo Joan Cheng
Jennifer L. Zantinge
André J. LarocheAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of name
- ☐ Other _____

Execution Date: 7/27/98, 8/18/98, 7/24/98

2. Name and address of receiving party(ies)

Name: Her Majesty the Queen in Right of
Canada as Represented by the Department of
Agriculture and Agri-Food CanadaAddress: P.O. Box 3000, MainCity: Lethbridge Province: AlbertaCountry: Canada Zip: T1J 4B1Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)

B. Patent No.(s)

09/113,231

Additional numbers attached? ☐ Yes ☒ No

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

Name: Sally A. SullivanInternal Address: Greenlee, Winner & SullivanStreet Address: 5370 Manhattan Circle,Suite 201City: Boulder State: CO ZIP: 803036. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account Number 07-1969

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.*Sally A. Sullivan

Name of Person Signing

Signature

August 31, 1998

Date

Total number of pages including cover sheet, attachments, and document: 16

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TT0411

09/28/1998

01 FC:581

RATED

REEL: 9440 FRAME: 0712

ASSIGNMENT

WE, HUNG CHANG HUANG, KUO JOAN CHENG, JENNIFER L. ZANTINGE and ANDRÉ J. LAROCHE, whose full post office addresses are, respectively; #3, Tudor Court South, Lethbridge, Alberta, Canada, T1K 5C9; #17, 7695 St. Albans Road, Richmond, British Columbia, Canada, V6Y 3W8; 22 King Close, Red Deer, Alberta, Canada, T4P 3P5 and 51 Kings Mews South, Lethbridge, Alberta, Canada, T1K 5G8; for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby assign to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, whose full post office address is P.O. Box 3000, Main, Lethbridge, Alberta, Canada, T1J 4B1, its successors and assigns, the entire right, title and interest in, to and under:

Any and all inventions and discoveries made by us and disclosed in a United States Patent Application for STRAINS OF *CONIOTHYRIUM MINITANS* HAVING β -GLUCANASE ACTIVITY filed July 10, 1998, under Serial No. 09/113,231, and in the priority application, U.S. Provisional Application Serial No. 60/052,278, filed July 11, 1997, and in and to all patents granted therefor, and all divisions, reissues, continuations, renewals and prolongations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and in and to any and all applications for Letters Patent of any other country which have been or may be filed based either in whole or in part upon any or all of said inventions or discoveries, including all rights of priority under the International Convention in foreign countries and the right to file and prosecute

such applications, and in and to any and all Letters Patent which have been or may be granted by that or any other country based either in whole or in part upon any or all of said inventions or discoveries or said applications;

And we covenant that we have full right to convey the entire right, title and interest to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, herein assigned, and that we have not executed, and will not execute, any agreement in conflict therewith, and agree that we will provide to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, or its representatives, without further consideration, all facts and documents known to us relating to said inventions and discoveries whenever requested; testify in any legal proceedings; execute all papers that may be necessary to file said applications in the United States or any other country and to assign the same; execute any other papers that may be needed in connection with filing said applications and securing a Letters Patent thereon; make all rightful oaths; and generally do everything possible to aid HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, its successors,

assigns and nominees, to obtain, uphold and enforce proper patent protection for said inventions and discoveries in all countries.

SIGNED at Lethbridge, Alberta this 27 day of July, 1998.

Hung Chang Huang
HUNG CHANG HUANG

Ken Leivers
WITNESS

SIGNED at Richmond, British Columbia this ____ day of _____, 1998.

KUO JOAN CHENG

WITNESS

SIGNED at Red Deer, Alberta this ____ day of _____, 1998.

JENNIFER L. ZANTINGE

WITNESS

SIGNED at Lethbridge, Alberta this 27 day of July, 1998.

André J. Larocche
ANDRÉ J. LAROCHE

Ken Leivers
WITNESS

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see HUNG CHANG HUANG who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness Ken Lievens

Name of Witness KEN LIEVENS

Address of Witness 14 EDGEWOOD AVE., LETHBRIDGE, AB
T1K 6A1

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see KUO JOAN CHENG who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see JENNIFER L. ZANTINGE who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see ANDRÉ J.

LAROCHE who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness *Ken Livers*

Name of Witness KEN LIVERS

Address of Witness 14 EDGEWOOD AVE., LETHBRIDGE, ALB.
T1K 6A1

ASSIGNMENT

WE, HUNG CHANG HUANG, KUO JOAN CHENG, JENNIFER L. ZANTINGE and ANDRÉ J. LAROCHE, whose full post office addresses are, respectively; #3, Tudor Court South, Lethbridge, Alberta, Canada, T1K 5C9; #17, 7695 St. Albans Road, Richmond, British Columbia, Canada, V6Y 3W8; 22 King Close, Red Deer, Alberta, Canada, T4P 3P5 and 51 Kings Mews South, Lethbridge, Alberta, Canada, T1K 5G8; for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby assign to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, whose full post office address is P.O. Box 3000, Main, Lethbridge, Alberta, Canada, T1J 4B1, its successors and assigns, the entire right, title and interest in, to and under:

Any and all inventions and discoveries made by us and disclosed in a United States Patent Application for STRAINS OF *CONIOTHYRIUM MINITANS* HAVING β -GLUCANASE ACTIVITY filed July 10, 1998, under Serial No. 09/113,231, and in the priority application, U.S. Provisional Application Serial No. 60/052,278, filed July 11, 1997, and in and to all patents granted therefor, and all divisions, reissues, continuations, renewals and prolongations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and in and to any and all applications for Letters Patent of any other country which have been or may be filed based either in whole or in part upon any or all of said inventions or discoveries, including all rights of priority under the International Convention in foreign countries and the right to file and prosecute

such applications, and in and to any and all Letters Patent which have been or may be granted by that or any other country based either in whole or in part upon any or all of said inventions or discoveries or said applications;

And we covenant that we have full right to convey the entire right, title and interest to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, herein assigned, and that we have not executed, and will not execute, any agreement in conflict therewith, and agree that we will provide to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, or its representatives, without further consideration, all facts and documents known to us relating to said inventions and discoveries whenever requested; testify in any legal proceedings; execute all papers that may be necessary to file said applications in the United States or any other country and to assign the same; execute any other papers that may be needed in connection with filing said applications and securing a Letters Patent thereon; make all rightful oaths; and generally do everything possible to aid HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, its successors,

assigns and nominees, to obtain, uphold and enforce proper patent protection for said inventions and discoveries in all countries.

SIGNED at Lethbridge, Alberta this ____ day of _____, 1998.

HUNG CHANG HUANG

WITNESS

SIGNED at Richmond, British Columbia this 18th day of August,
1998.

Kuo Joan Cheng
KUO JOAN CHENG

Alamy
WITNESS

SIGNED at Red Deer, Alberta this ____ day of _____, 1998.

JENNIFER L. ZANTINGE

WITNESS

SIGNED at Lethbridge, Alberta this ____ day of _____, 1998.

ANDRÉ J. LAROCHE

WITNESS

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see HUNG CHANG HUANG who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see KUO JOAN CHENG who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness Xiang Lin

Name of Witness XIANG LIN

Address of Witness #1, 7171 Blundell Road, Richmond, BC V6Y 1J5
Canada.

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see JENNIFER L. ZANTINGE who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see **ANDRÉ J. LAROCHE** who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

ASSIGNMENT

WE, HUNG CHANG HUANG, KUO JOAN CHENG, JENNIFER L. ZANTINGE and ANDRÉ J. LAROCHE, whose full post office addresses are, respectively; #3, Tudor Court South, Lethbridge, Alberta, Canada, T1K 5C9; #17, 7695 St. Albans Road, Richmond, British Columbia, Canada, V6Y 3W8; 22 King Close, Red Deer, Alberta, Canada, T4P 3P5 and 51 Kings Mews South, Lethbridge, Alberta, Canada, T1K 5G8; for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby assign to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, whose full post office address is P.O. Box 3000, Main, Lethbridge, Alberta, Canada, T1J 4B1, its successors and assigns, the entire right, title and interest in, to and under:

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such applications, and in and to any and all Letters Patent which have been or may be granted by that or any other country based either in whole or in part upon any or all of said inventions or discoveries or said applications;

And we covenant that we have full right to convey the entire right, title and interest to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, herein assigned, and that we have not executed, and will not execute, any agreement in conflict therewith, and agree that we will provide to HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, or its representatives, without further consideration, all facts and documents known to us relating to said inventions and discoveries whenever requested; testify in any legal proceedings; execute all papers that may be necessary to file said applications in the United States or any other country and to assign the same; execute any other papers that may be needed in connection with filing said applications and securing a Letters Patent thereon; make all rightful oaths; and generally do everything possible to aid HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, its successors,

assigns and nominees, to obtain, uphold and enforce proper patent protection for said inventions and discoveries in all countries.

SIGNED at Lethbridge, Alberta this ____ day of _____, 1998.

HUNG CHANG HUANG

WITNESS

SIGNED at Richmond, British Columbia this ____ day of _____, 1998.

KUO JOAN CHENG

WITNESS

SIGNED at Red Deer, Alberta this 24 day of July, 1998.


JENNIFER L. ZANTINGE


WITNESS

SIGNED at Lethbridge, Alberta this ____ day of _____, 1998.

ANDRÉ J. LAROCHE

WITNESS

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see HUNG CHANG HUANG who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see KUO JOAN CHENG who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see JENNIFER L. ZANTINGE who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness W. J. Meadows

Name of Witness W. J. MEADOWS

Address of Witness 22 KING CLOVE, RED DEER, AB. T4P 3P5

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see ANDRÉ J. LAROCHE who is personally known to me, duly execute the above assignment on the date therein set forth.

Signature of Witness _____

Name of Witness _____

Address of Witness _____