

08-10-2000

7.18.00



APPLICATION FORM COVER SHEET
PATENTS ONLY

DOCKET # 16-99

101428896

Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): MI 10: 57

Lawrence M. KAWCHUK
Dermot R. LYNCH
John HACHEY
Frank KULCSAR

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: **Her Majesty the Queen in Right of Canada as Represented by the Minister of Agriculture and Agri-Food**

Address: **P.O. Box 3000
Main, Lethbridge
Alberta, CANADA T1J 4B1**

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of name

Other See Attachment.

Execution Date: 3/20/00, 3/20/00, 3/21/00 and 3/21/00

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) 09/513,505

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: Greenlee, Winner & Sullivan, P.C.

Internal Address: _____

Street Address: 5370 Manhattan Circle, Ste. 201

City: Boulder State: CO ZIP: 80303

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number 07-1969

08/09/2000
01 FC:581

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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.

Donna M. Ferber, Ph.D. [Signature] July 13, 2000

Name of Person signing Signature Date

Total number of pages including cover sheet, attachments, and document: 6

ASSIGNMENT

WE, Lawrence Michael KAWCHUK, Dermot Roborg LYNCH, John HACHEY, and Frank KULCSAR whose full post office addresses are (respectively); 905 - 22 Avenue, Coaldale, Alberta, Canada, T1M 1B5; 3821 Glacier Avenue South, Lethbridge, Alberta, Canada, T1K 0P5; #2, 408 - 12A Street North, Lethbridge, Alberta, Canada, T1H 2J6 and 1609 - 21 Avenue, Coaldale, Alberta, Canada, T1M 1E6; 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 MINISTER OF AGRICULTURE AND AGRI-FOOD, 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 United States Patent Application No. 09/513,505, filed February 25, 2000 for VE PROTEIN AND NUCLEIC ACID SEQUENCES, COMPOSITIONS, AND METHODS FOR PLANT PATHOGEN RESISTANCE, 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 MINISTER OF AGRICULTURE AND AGRI-FOOD, 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 MINISTER OF AGRICULTURE AND AGRI-FOOD, 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 MINISTER OF AGRICULTURE AND AGRI-FOOD, its successors,

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

This Assignment may be executed in multiple counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument.

SIGNED at LETHBRIDGE, Alberta this 20 day of MARCH, 2000.

D. Sais
WITNESS

Lawrence Michael Kawchuk
Lawrence Michael Kawchuk

SIGNED at Lethbridge, Alberta this 20 day of March, 2000.

D. Sais
WITNESS

Dermot Robert Lynch
Dermot Robert Lynch

SIGNED at Lethbridge, Alberta this 21 day of March, 2000.

D. Sais
WITNESS

John Hachey
John Hachey

SIGNED at Lethbridge Alberta this 21 day of March, 2000.

W. A. Davis
WITNESS

Frank Kulcsar
Frank Kulcsar

CERTIFICATE OF WITNESS

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

Signature of Witness W. A. Davis

Name of Witness W. A. Davis

Address of Witness 61 Cougar Crescent, Lethbridge AB T1H 6K9

CERTIFICATE OF WITNESS

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

Signature of Witness W. A. Davis

Name of Witness W. A. Davis

Address of Witness 61 Cougar Crescent, Lethbridge, AB T1H 6K9

CERTIFICATE OF WITNESS

HACHEY JH
~~HA~~

I acknowledge that I was personally present and did see JOHN HACHEY

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

Signature of Witness W.A. Davis

Name of Witness W.A. Davis

Address of Witness 61 Cougar Crescent N., Lethbridge, AB T1H6K9

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see FRANK KULCSAR

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

Signature of Witness W.A. Davis

Name of Witness W.A. Davis

Address of Witness 61 Cougar Crescent N., Lethbridge, AB T1H6K9