

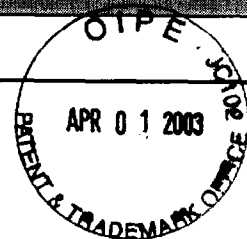
04-11-2003

BOX ASSIGNMENTS

DO NOT USE FOR TRADEMARKS



TO THE ASSISTANT COMMISSIONER 102417322
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.



1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Gary David LOPASCHUK
- 2. John Christopher VEDERAS
- 3. Jason Roland DYCK
- 4.
- 5.
- 6.
- 7.
- 8.

4-1-03

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: UNIVERSITY OF ALBERTA

ADDRESS: 222 Campus Tower, 8625 112th Street, Edmonton, Alberta T6G 2E1, Canada

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: February 27, 2003 (Lopaschuck);
March 3, 2003 (Vederas); February 27, 2003 (Dyck)

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
10/313.990	0272317				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
11682 El Camino Real, Suite 200
San Diego, CA 92130-2092

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 0272317	2001015 (US)
MATTER NO.	CLIENT REF.

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT
NUMBER: 03-3975

UNDER ORDER NO	098810	0272317
dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

3

Attorney: Suzanne L. Biggs

Reg. No. 30,158

Atty/Sec: slb/pm

Date: April 1, 2003

TEL: (858) 509-4095

FAX: (858) 509-4010

FILE WITH PTO RETURN RECEIPT (PAT-103A)

04/08/2003 SSESHE1 00000049 10313990

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ASSIGNMENT
of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit:

- | | |
|--------------------------------|------------------------------------|
| 1) <u>Gary David LOPASCHUK</u> | 2) <u>John Christopher VEDERAS</u> |
| 3) <u>Jason Roland DYCK</u> | 4) _____ |
| 5) _____ | 6) _____ |
| 7) _____ | 8) _____ |

(hereinafter collectively ASSIGNOR), has/have made an invention known as Dkt. 098810-0272317
and entitled: COMPOUNDS THAT STIMULATE GLUCOSE UTILIZATION AND METHODS OF USE
for which an application for Letters Patent of the United States

- was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;
 was filed on December 5, 2002, Appln. No. 10/313,990 ;

AND WHEREAS UNIVERSITY OF ALBERTA

(hereinafter ASSIGNEE), duly organized and existing under the laws of the country of Canada
222 Campus Tower, 8625 112th Street, Edmonton,
and having its principal office and place of business at Alberta T6G 2E1, Canada
desires to acquire an interest therein;

NOW, THEREFORE, said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

NOTE: The undersigned hereby authorizes Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

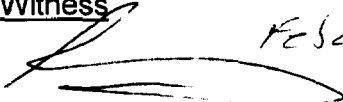
Signature

Date Signed

Witness


1) 
Name: Gary David LOPASCHUK

Feb. 27/03

 Feb 27/03
Cory Wass


2) 
Name: John Christopher VEDERAS

Mar 3/03

 Mar. 3, 03
Christine Otter

3) 
Name: Jason Roland DYCK

Feb 27/03

 Feb 27/03
MANDI LULU

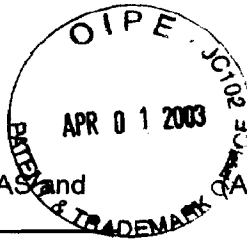
4) _____
Name:

5) _____
Name:

6) _____
Name:

7) _____
Name:

8) _____
Name:



Inventor(s): Gary David LOPASCHUK, John Christopher VEDERAS and Jason Roland DYCK Atty. Dkt.

Appl. No.: 10/313,990 or Patent No.: 098810-0272317 /

Filed: December 5, 2002 or Issued.: M# / Client Ref.

Title: COMPOUNDS THAT STIMULATE GLUCOSE UTILIZATION AND METHODS OF USE

SMALL ENTITY STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.27) - NON-PROFIT ORGANIZATION

I hereby state that I am

- Owner of the non-profit organization identified below:
Official of the non-profit organization empowered to act on behalf of the organization identified below:

NAME OF ORGANIZATION University of Alberta
ADDRESS OF ORGANIZATION 222 Campus Tower, 8625 112th Street, Edmonton, Alberta T6G 2E1, Canada

I hereby state that the above identified non-profit organization qualifies as a non-profit organization as defined in 37 CFR 1.27, for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that a university or other institution of higher learning as defined in 20 U.S.C. 1141(a).

I hereby state that rights under contract or law have been conveyed to and remain with the non-profit organization identified above with regard to the invention entitled: COMPOUNDS THAT STIMULATE GLUCOSE UTILIZATION AND METHODS OF USE by inventor(s) Gary David LOPASCHUK, John Christopher VEDERAS and Jason Roland DYCK described in

- Specification filed herewith:
Application No. 10/313,990, filed December 5, 2002
Patent No. issued

If the rights held by the above identified small business concern are not exclusive, each small entity individual, concern or organization having rights to the invention is listed in (A) and (B) below and no rights to the invention are held by any person, other than the inventor, who could not qualify under 37 CFR 1.27(a)(1) as an independent inventor if that person had made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2) or a nonprofit organization under 37 CFR 1.27(3).

(A) FULL NAME of assignee/licensee/grantee/conveyee* ADDRESS
INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

(B) FULL NAME of assignee/licensee/grantee/conveyee* ADDRESS
INDIVIDUAL SMALL BUSINESS CONCERN NONPROFIT ORGANIZATION

*NOTE: Separate statement is required from each person, concern or organization named in (A) and (B) above having rights to the invention, averring to his/her/its status as a small entity. (37 CFR 1.27)(g)(2).

I acknowledge the duty to file, in this case, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)(2))

NAME OF PERSON SIGNING
TITLE OF PERSON OTHER THAN OWNER
ADDRESS OF PERSON SIGNING 222 Campus Tower, 8625 112th Street, Edmonton, Alberta T6G 2E1, Canada

SIGNATURE [Signature] DATE March 5, 2003

LAINE WOOLLARD, B.Sc. (Pharm), LL.B
Barrister and Solicitor, Notary Public
Legal Counsel, Technology Commercialization
INDUSTRY LIAISON OFFICE, U of A