



Tab settings

102540185

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.



1. Name of conveying party(ies):

- (a) Reggie Y. Lo
(b) Patricia E. Shewen
(c) Raymond W.H. Lee
(d) Doug Hodgins
(e) Judith N. Strommer

Additional name of conveying party(ies) attached? [ ] Yes [X] No

2. Name and address of receiving party(ies)

Name: University of Guelph

Internal Address:

Street Address: Unit 4, 130 Research Lane

City: Guelph State: ON Zip: N1G 5G3

Country: CANADA

Additional Name(s) & address(es) attached? [ ] Yes [X] No

3. Nature of conveyance:

- [X] Assignment [ ] Merger
[ ] Security Agreement [ ] Change of Name
[ ] Other

Execution Date: (a) August 5, 2003; (b) August 5, 2003; (c) August 5, 2003; (d) August 5, 2003; (e) August 5, 2003.

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)

10/148,884

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: Patricia Power

Internal Address: c/o Bereskin & Parr

Street Address: Box 401, 40 King Street West

City: Toronto State: ON Zip: M5H 3Y2

Country: Canada

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

[X] Enclosed (cheque No. 5469)

[ ] Authorized to be charged to deposit account

8. Deposit account number: 022095

The Commissioner is authorized to charge any deficiency in fee or credit any overpayment to our Deposit Account.

(Attach duplicate copy of this page if paying by deposit account)

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.

Patricia Power, Reg. No. 51,379

Name of Person Signing

Signature (Handwritten)

August 27, 2003

Date

B&P File#6580-304

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

WHEREAS We, LO, Reggie Y.C., SHEWEN, Patricia E., LEE, Raymond, HODGINS, Doug, and STROMMER, Judith N., whose full post office addresses are 4 Birch Street, Guelph, Ontario, N1G 2N3, Canada, 75 Mont Street, Guelph, Ontario, N1H 2A5, Canada, 6820 Concession 4, RR#6, Guelph, Ontario, N1H 6J3, Canada, 89 Main Street North, Milverton, Ontario, N0K 1M0 and 136 Glasgow Street North, Milverton, Ontario, N1H 4W6, Canada are inventors of an invention entitled **MODIFIED LEUKOTOXIN GENE AND PROTEIN** for which patent applications were filed as listed on Schedule A attached hereto.

AND WHEREAS UNIVERSITY OF GUELPH, whose full post office address is Unit 4, 130 Research Lane, Guelph, Ontario, N1G 5G3, Canada has acquired from me the whole right, title and interest for the United States of America, Canada and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said applications,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, LO, Reggie Y.C., SHEWEN, Patricia E., LEE, Raymond, HODGINS, Doug, and STROMMER, Judith N., by these presents confirm that we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said UNIVERSITY OF GUELPH, the full and exclusive right to the said invention in the United States of America, Canada and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said application and to any other patent application and patents that claim priority for the aforementioned patent application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said patent applications.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, his successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to the said UNIVERSITY OF GUELPH, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made.

The undersigned hereby grant the firm of Bereskin & Parr (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which

may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

Signed this 5<sup>th</sup> day of August, 2003, at Guelph, Ont.

[Signature]  
Witness

[Signature]  
Reggie Y.C. LO

Signed this 5<sup>th</sup> day of August, 2003, at Guelph, Ont.

[Signature]  
Witness

[Signature]  
Patricia E. SHEWEN

Signed this 5 day of August, 2003, at Guelph

[Signature]  
Witness

[Signature]  
Raymond W.H. LEE

Signed this 5 day of August, 2003, at Guelph

[Signature]  
Witness

[Signature]  
Doug HODGINS

Signed this 5<sup>th</sup> day of August, 2003, at Guelph

[Signature]  
Witness

[Signature]  
Judith N. STROMMER

## SCHEDULE A

<u>Country</u>	<u>Application No.</u>	<u>Filing Date</u>
Canada	2,394,357	December 15, 2000
U.S.A.	10/148,884	December 15, 2000
PCT	PCT/CA00/01498	December 15, 2000
U.S.A.	60/172,148	December 17, 1999

DS

PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box → +

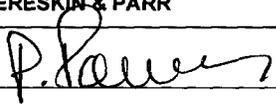
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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/148,884	
	Filing Date	December 15, 2000	
	First Named Inventor	Reggie Y. C. Lo	
	Group Art Unit	N/A	
	Examiner Name	N/A	
Total Number of Pages in This Submission	7	Attorney Docket Number	6580-304

PIPE  
 AUG 28 2003  
 PATENT & TRADEMARK OFFICE

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Patricia Power, Reg. No. 51,379 BERESKIN & PARR
Signature	
Date	August 27, 2003

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>		
Typed or printed name		
Signature		Date

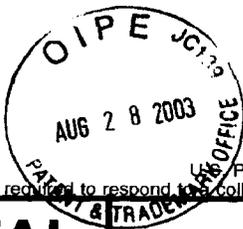
**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

09/02/2003 ECOOPER 00000073 10148884

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40.00 OP

**PATENT**  
**REEL: 014436 FRAME: 0585**



PTO/SB/17 (11-01)  
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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 40.00

### Complete if Known

Application Number	10/148,884
Filing Date	December 15, 2000
First Named Inventor	Reggie Y.C. Lo
Examiner Name	N/A
Group Art Unit	N/A
Attorney Docket No.	6508-304

### METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number  
 Deposit Account Name

022095

Bereskin & Parr

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	0.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					0.00

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid  
 Total Claims Independent Claims Multiple Dependent  
 0 - 20\*\* = 0 X 0.00 = 0.00  
 0 - 3\*\* = 0 X 0.00 = 0.00

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					0.00

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (3)					40.00

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Name (Print/Type)	Patricia Power	Registration No. (Attorney/Agent)	51,379	Telephone	(416) 364-7311
Signature		Date	August 27, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Barristers and Solicitors/Patent and Trade Mark Agents  
Practice Restricted to Intellectual Property Law

August 27, 2003

Patricia Power B.Sc., Ph.D. (Chem.)  
416 957 1683 ppower@bereskinparr.com

Your Reference: 10/148,884  
Our Reference: 6580-304

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**Re: US Patent Application No. 10/148,884**  
**Filed: December 15, 2000**  
**Title: MODIFIED LEUKOTOXIN GENE AND PROTEIN**  
**Inventors: Reggie Y. Lo., Patricia Shewen, Raymond W. H. Lee**  
**Doug Hodgins and Judith N. Strommer**

---

Applicant hereby submits an executed Assignment for inventors Reggie Y. C. Lo, Patricia E. Shewen, Raymond W.H. Lee, Doug Hodgins and Judith N. Strommer.

Please find enclosed our firm cheque in the amount of \$40.00 in respect of the government surcharge.

If any additional fee is due, the Commissioner is authorized to charge any such fee to Deposit Account No. 02-2095.

Respectfully submitted,

**REGGIE Y.C. LO et al.**

Patricia Power  
Registration No. 51,379

Bereskin & Parr  
Box 401, 40 King Street West  
Toronto, Ontario  
Canada M5H 3Y2

(416) 364-7311

please send your reply to

Meadowdale Corporate Centre, 2000 Argentia Road  
Plaza 4, Suite 430, Mississauga, Ontario, Canada L5N 1W1  
t: 905 812 3600 f: 905 814 0031

Scotia Plaza, 40 King Street West, 40th Floor  
Toronto, Ontario, Canada M5H 3Y2  
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