Form PTO-1595 (Rev. 06/04)	U.S. DEPARTMENT OF COMMER <u>United States Patent and Trademark Office</u>		
DMB No. 0651-0027 (exp. 6/30/2005) RECORDATION FOR			
PATENTS	S ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below,		
Name of conveying party(les)/Execution Date(s):	2. Name and address of receiving party(105)		
REINER, NEIL E.	Name: THE UNIVERSITY OF BRITISH COLUMBIA		
rcherkassov, artem	Internal Address: University-Industry Liaison Office		
nandan, devki	<u> </u>		
	Street Address: 103-6190 Agronomy Road		
Execution Date(s) 08/06/2004; 08/17/2004; 08/17/2004	<u></u>		
Additional name(s) of conveying party(ies) attached? Yes No	City: Vancouver, British Columbia		
3. Nature of conveyance:	State:		
Assignment	Country: CANADA Zip: V6T 173		
Security Agreement			
Government Interest Assignment	Additional name(s) & address(es) attached? Yes No		
Executive Order 9424, Confirmatory License			
Other: CORRECTIVE ASSIGNMENT TO CORRECT: the assignee's address on REEL/FRAME 015426/0268.			
The correct address is: University of British Columbia,			
University-Industry Liaison Office, 103-6190 Agronomy Road, Vancouver, British Columbia			
CANADA, V6T 1Z3			
4. Application number(s) or patent number(s):	document is being filed together with a new application. B. Patent Registration No.(s)		
A. Falent Application 110.(9)			
10/494,543			
	ttached? Yes No 6. Total number of applications and patents		
5. Name and address of party to whom correspondence	involved		
concerning document should be mailed:			
Name: Bozicevic, Field & Francis, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40 Authorized to be charged by credit card		
Internal Address:	Authorized to be charged to deposit account		
	☐ Enclosed ☐ None required (government interest not affecting title)		
Street Address: 1900 University Avenue, Suite 200	B. Payment Information		
East Paic Alto	a. Credit Card Last 4 Numbers		
City:	Expiration Date		
State: CA Zip: 94303			
Phone Number: (650) 327-3400	b. Deposit Account Number 50-0815		
Fax Number: (650) 327-3231	Authorized User Name: Carol L. Francis		
Email Address:			
A A A A A A A A A A A A A A A A A A A			
9. Signature:	01/06/2005		
Signature	Date		
Carol L. Francis Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 12		
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FAX NO. 650 327 3231

P. 04/12

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SUBMISSION TYPE: NEW ASSIGNMENT			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT OF ASSIGNOR'S INTEREST				
CONVEYING PARTY DAT						
Name	Name		Execution Date			1
NEIL E. REINER		2004	1-08-06			1
ARTEM TCHERKASSOV	A 100 TO		1-08-17			1
DEVKI NANDAN			4-08-17			. <u> </u>
RECEIVING PARTY DAT	Α				***	
Name	Street Add	dress	Internal Address	City	State/Country	Postal Code
	The officery of annual Branch and a second		University-Industry Office	Vancouver, British Columbia	CANADA	V6T 1Z3
PROPERTY NUMBERS		Nı	mber	<u> </u>		
Property Type Application Number		Number 10494543				
Application Number					<u> </u>	
CORRESPONDENCE D	ATA					
FAX NUMBER: 6503273 Correspondence will be When the customer num official record on file at t CUSTOMER NUMBER:	<i>sent via US Ma</i> aber has been i he USPTO.	all when t	the fax attempt is unsucce the Office of Public Reco	essful. ords will obtain the a	correspondence da	
NAME OF PERSON SIG	SNING:		Carol L. Francis			
DATE SIGNED:	DATE SIGNED: 2004-11-10			<u></u>		
Total Attachments: 3 source=Assign1.tif source=Assign2.tif source=Assign3.tif						

PATENT

REEL: 015553 FRAME: 0972

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DOCKET NO.: SMAR-038

PATENT
Joint Inventors
(Pending Application;
Application No. Uuknown)

ASSIGNMENT

WHEREAS, the following individuals (referred to herein as "the Assignors") are the inventors of an invention entitled "METHODS AND APPARATUS FOR PROTEIN SEQUENCE ANALYSIS" that is the subject of international patent application PCT/CA2002/01632;

- (a) NEIL E. REINER Vancouver, BC CANADA
- (b) ARTEM TCHERKASSOV Vancouver, BC CANADA
- (c) DEVKI NANDAN Vancouver, BC CANADA

AND WHEREAS, The University of British Columbia (referred to herein as "the Assignce") of University-Industry Liaison Office, #103 - 6190 Agronomy Road, Vancouver, British Columbia, Canada, V6T 1Z3 is an applicant named in the aforementioned international patent application;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby confirm that the Assignee is entitled to ownership of the invention and the Assignors transfer to the Assignee, all of their right, title, and interest in and to the aforementioned invention throughout the world, including all rights of priority under the Paris Convention and all their rights in national phase patent applications based on the aforementioned international application in the United States, Canada, and all other countries and the right to all Letters Patent that may issue thereon, and any continuation, division, or re-issue thereof, said Assignment effective November 1, 2002.

AND, the Assignors hereby agree to perform, at the request and expense of the Assignee, or said Assignee's successors or assigns, any acts relating to the obtaining or asserting any Letters Patent for the aforementioned invention, including any renewals, reissues and prolongations thereof, and execute any instruments as may be required by the Assignee to enable the Assignee to enjoy the full benefit of the rights confirmed and assigned by this Agreement.

Page I of 3 REEL: 015553 FRAME: 0973

DOCKET NO.: SMAR-038

PATENT'
Joint Inventors
(Pending Application;
Application No. Unknown)

ASSIGNORS: Executed at Vancouver, British Columbia, Canada, this
Neil E. REINER
Witness Signature
Witness Name (Print)
Executed at Vancouver, British Columbia, Canada, this //day of //day of
Artem TCHERKASSOV
Witness Signature INDA P Witness Name (Print)
× Executed at Vancouver, British Columbia, Canada, this 17 day of Aug, 2004.
Devki NANDAN
Witness Signature
Witness Name (Print)
Bxecuted at

PATENT
Page 2 of 3 REEL: 015553 FRAME: 0974

DOCKET NO.: SMAR-038

PATENT Joint Inventors (Pending Application; Application No. Unknows)

ASSIGNEE:

The ASSIGNEE hereby accepts the Assignment of the all right, title, and interest in and to the aforementioned invention throughout the world from the ASSIGNORS.

Executed at Vancouver, British Columbia, Canada, this 27 day of August

THE UNIVERSITY OF BRITISH COLUMBIA

Name (Print):

David P. Jones

Associate Director

Title:

University-Industry Liaison

RECORDED: 01/06/2005

PATENT

Page 3 of 3 REEL: 015553 FRAME: 0975