FORM PTO-1595 (Rev. 6-93) NUS 0 5 7003 FR 10251	2003 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office HEET	
ATENT & THERE	Attorney Docket No.: 60077-5006-US (formerly 56120-5006-US)	
To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.	MAIL STOP ASSIGNMENT	
1. Name of conveying party(ies):8.5.03	2. Name and address of receiving party(ies):	
Ljerka Kunst Mark Andrew Smith Hangsik Moon	Name: The University of British Columbia	
Additional name(s) of conveying party(ies) attached? Yes _X_ No	Internal Address: University-Industry Liaison Office	
3. Nature of conveyance: X Assignment Security Agreement Change of Name Other Change of Name	Street Address: 2194 Health Sciences Mall Vancouver, British Columbia V6T 1Z3 Canada	
Execution Date: July 7 and 18, 2003	Additional name(s) & address(es) attached? <u>Yes</u> <u>X</u> 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) 10/276,976 B. Patent No.(s) 		
Additional numbers attached: Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: <u>1</u>	
Name: Patent Support Unit Internal Address: Customer No. 09629 Morgan, Lewis & Bockius LLP	 7. Total fee (37 C.F.R § 3.41): <u>\$40.00</u> Enclosed X_ Authorized to be charged to deposit account 50-0310 	
Street Address:1111 Pennsylvania Avenue, N.W.City: WashingtonState: D.C.Zip: 20004	 Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account 	
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. <u>Enrique D. Longton (Reg. No. 47,304)</u> Name of Person Signing 04.07/2003 ECORPER 00000149 500310 10276976 Total number of pages including cover sheet, attachments and documents: <u>5</u>		
1-WA/2032618.2	PATENT	

PATENT REEL: 014348 FRAME: 0535 •

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

GENE REGULATORY REGION THAT PROMOTES EARLY SEED-SPECIFIC TRANSCRIPTION

for which I/WE filed an application for United States Letters Patent on November 21, 2002, (Serial No. 10/276,976); and

WHEREAS, <u>The University of British Columbia</u>, a corporation of <u>Vancouver</u>, <u>British Columbia</u>, whose post office address is <u>University-Industry Liaison Office</u>, 2194 Health Sciences <u>Mall</u>, <u>Vancouver</u>, <u>British Columbia</u>, <u>V6T 1Z3</u>, <u>Canada</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto s	our hand(s).	
County of <u>British</u> letterstin State of <u>Cassada</u>		Ljerka Kunst of Sole or First Assignor
Subscribed and sworn to before me this day of Juff_, 2003 Juff Huff_Notary Public	S. <u>Mall, Vancouver, Br</u> First A	iaison Office, 2194 Health Sciences itish Columbia, V6T 123, Canada Address <i>Unternational Sciences</i> assignor's Signature 2003 Date
IRIS HNIK Names of additional in Barrister & Solicitor	ntors attached [X] Yes	[]No
Industry Sponsored Research	Z3	

PATENT REEL: 014348 FRAME: 0536

1-WA/1999916.1

Inv: 804-822-8889 University-Industry Liaison Office, 2194 Health Sciences Subscribed and aworn to before me IRIS HNIK Address Subscribed and aworn to before me IRIS HNIK Address JLIS JALL Barrister & Solicitor Second Assignor's Signature JLIS JALL Notary Publice Industry Sponsored Research Second Assignor's Signature County of	County of Kritish Calibraty in and for the Province of British Co #103 - 6190 Agronomy Road, State of CANADA State of CANADA	Mark Andrew Smith Full Name of Second Assignor
State of Full Name of Third Assignor State of University-Industry Liaison Office, 2194 Health Sciences SS. Mall, Vancouver, British Columbia, V6T 1Z3, Canada Address Address Subscribed and sworn to before me Third Assignor's Signature	Fax: 804-822-8889 SS. Subscribed and aworn to before me IRIS HNIK this day of <u>July</u> , 2007 Barrister & Solicitor Industry Sponsored Research	Mall, Vancouver, British Columbia, V6T 1Z3, Canada Address Second Assignor's Signature
	State of SS. Subscribed and sworn to before me this day of, 20	Full Name of Third Assignor <u>University-Industry Liaison Office, 2194 Health Sciences</u> <u>Mall, Vancouver, British Columbia, V6T 1Z3, Canada</u> Address
Names of additional inventors attached [] Yes [X] No	-	

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

GENE REGULATORY REGION THAT PROMOTES EARLY SEED-SPECIFIC TRANSCRIPTION

for which I/WE filed an application for United States Letters Patent on November 21, 2002, (Serial No. 10/276,976); and

WHEREAS, <u>The University of British Columbia</u>, a corporation of <u>Vancouver</u>, <u>British Columbia</u>, whose post office address is <u>University-Industry Liaison Office</u>, 2194 Health Sciences Mall, <u>Vancouver</u>, <u>British Columbia</u>, <u>V6T 1Z3</u>, <u>Canada</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

County of	Ljerka Kunst Full Name of Sole or First Assignor	
Subscribed and sworn to before me	University-Industry Liaison Office, 2194 Health SciencesSS.Mall, Vancouver, British Columbia, V6T 1Z3, CanadaAddress	
this day of, 20	First Assignor's Signature	
Names of additional inventors attached [X] Yes [] No		

ATTORNEY DOCKET NO. 056120-5006 ASSIGNMENT (Worldwide Rights) Page 2

County of		Mark Andrew Smith Full Name of Second Assignor
State of	SS.	<u>University-Industry Liaison Office, 2194 Health Sciences</u> <u>Mall, Vancouver, British Columbia, V6T 1Z3, Canada</u> Address
Subscribed and sworn to before me this day of, 20		Second Assignor's Signature
		Date
County of <u>Strug</u> State of <u>Sura</u>		Hangsik Moon Full Name of Third Assignor
	SS.	<u>University-Industry Liaison Office, 2194 Health Sciences</u> <u>Mall, Vancouver, British Columbia, V6T 1Z3, Canada</u> Address
Subscribed and sworn to before me this $\underline{1}$ day of $\underline{\int \frac{1}{2\pi l_{12}}}, 20\underline{03}$.		Mann Mannis Third Assignor's Signature
JOANNE NYSTROM Commission Number 201922 My Commission Expires		07-07-2003 Date
Hames of additional inventors attached [] Yes	[X]	No

RECORDED: 08/05/2003