

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Lorne A. Whitehead		10/14/2008
RECEIVING PARTY DATA		
Name:	The University of British Columbia	
Street Address:	#103 - 6190 Agronomy Road	
City:	Vancouver, BC	
State/Country:	CANADA	
Postal Code:	V6B1G1	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12297295	
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ATTORNEY DOCKET NUMBER:	U008 0766/BRW	
NAME OF SUBMITTER:	Blake R. Wiggs, Regn. No. 29505	
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PATENT ASSIGNMENT

WHEREAS I, Lorne A. Whitehead (the Assignor), of 3015 West 12th Avenue, Vancouver, British Columbia, Canada V6K 2R4 am the inventor of certain inventions or improvements titled **IONIC ELECTROPHORESIS IN TIR-MODULATED REFLECTIVE IMAGE DISPLAYS** described and claimed in:

International Patent Application Serial No.:	PCT/CA2007/000593
International Filing Date:	10 April 2007
Convention Priority Date:	19 April 2006

AND WHEREAS, The University of British Columbia, (the Assignee) whose full post office address is c/o Industry Liaison Office, #103 - 6190 Agronomy Road, Vancouver, British Columbia, Canada V6T 1Z3 is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements, and in and to the said application, and in, to and under all Letters Patent which may be granted on or as a result thereof in all countries;

NOW THEREFORE, in consideration of the sum of TEN (\$10.00) DOLLARS and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Assignor, confirm that I have and do hereby sell, assign, transfer and set over to the Assignee the entire right, title and interest in and to the said inventions or improvements and said application, and any and all continuations, divisions, renewals of or substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof, and any reissue or reissues of said Letters Patent; and I assign to and authorize the Assignee to file in my name applications for Letters Patent for said inventions or improvements in all countries, the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me, had this assignment, sale and transfer not been made;

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent, in the Assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee, or its nominees, all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives;

AND I hereby authorize and request the officials of all countries whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

EXECUTED at Vancouver, British Columbia, Canada this 19 day of October 2008.

M. Massman
Witness

Michelle Massman

2639 W. 5th Ave

Vancouver BC V6K 1T2

print witness' name & address


Lorne A. Whitehead

PATENT