

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fred A. KOCH</td> <td>02/13/2004</td> </tr> <tr> <td>Donald S. MAVINIC</td> <td>02/13/2004</td> </tr> <tr> <td>Noboru YONEMITSU</td> <td>02/13/2004</td> </tr> </tbody> </table>		Name	Execution Date	Fred A. KOCH	02/13/2004	Donald S. MAVINIC	02/13/2004	Noboru YONEMITSU	02/13/2004				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>THE UNIVERSITY OF BRITISH COLUMBIA</td> </tr> <tr> <td>Street Address:</td> <td>103 - 6190 Agronomy Road</td> </tr> <tr> <td>Internal Address:</td> <td>University-Industry Liaison Office</td> </tr> <tr> <td>City:</td> <td>Vancouver</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>V6T 1Z3</td> </tr> </table>		Name:	THE UNIVERSITY OF BRITISH COLUMBIA	Street Address:	103 - 6190 Agronomy Road	Internal Address:	University-Industry Liaison Office	City:	Vancouver	State/Country:	CANADA	Postal Code:	V6T 1Z3
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (604)681-4081  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (604)669-3432        Email: GNMdocket@patentable.com        Correspondent Name: Oyen Wiggs Green &amp; Mutala LLP        Address Line 1: 480 - The Station, 601 W. Cordova St.        Address Line 4: Vancouver, CANADA V6B 1G1</p>													
ATTORNEY DOCKET NUMBER:	U008 0801/GNM												
NAME OF SUBMITTER:	Gavin N. Manning												
<p>Total Attachments: 3        source=U0080801_Assignment-Koch-Mavinic-Yonemitsu#page1.tif</p>													

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**PATENT**  
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source=U0080801\_Assignment-Koch-Mavinic-Yonemitsu#page3.tif

**ASSIGNMENT**

WHEREAS WE,

1. **KOCH, Fred A.**  
2835 W. 12th Avenue  
Vancouver, British Columbia, V6K 2R1  
Canada
2. **MAVINIC, Donald S.**  
5193 Cliffridge Avenue  
North Vancouver, British Columbia, V7R 3V2  
Canada
2. **YONEMITSU, Noboru**  
5554 Kings Road  
Vancouver, British Columbia, V6T 1K8  
Canada

(collectively, the "Assignors"), whose full post office addresses are as set out above, are the inventors of certain inventions or improvements described and claimed in the attached specification and entitled:

**FLUIDIZED BED WASTEWATER TREATMENT**

AND WHEREAS, **The University of British Columbia**, ("Assignee") whose full post office address is Industry Liaison Office, 103 - 6190 Agronomy Road, Vancouver, British Columbia, V6T 1Z3, Canada, 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 ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, the Assignors, do hereby, both jointly and severally, 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 all continuations, divisions, renewals of or substitutes for said application, and in, to and under all Letters Patent which may be granted on or as a result thereof, and any reissue or reissues of said Letters Patent; and WE assign to and authorize the Assignee to file in our names 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 us, had this assignment, sale and transfer not been made;

AND WE hereby covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed and will not execute any agreement in conflict herewith, and WE further covenant and agree that WE 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 WE 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 all countries, all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives:

AND WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any official of any country or countries foreign to the United States of America 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, 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 B.C. CANADA this 13<sup>th</sup> day of FEBRUARY, 2004.  
(city) (province/state) (country) (date)

SIGNED, SEALED & DELIVERED  
by **FRED A. KOCH**  
in the presence of:

Valerie Ball  
Signature of Witness

Valerie Ball  
Print Witness's Name

4089 W 28 Ave  
Vancouver, B.C.

Print Witness's Address

Patent Secret.  
Print Witness's Occupation

F A Koch  
FRED A. KOCH

EXECUTED at Vancouver B.C. Canada this 3<sup>th</sup> day of February, 2004.  
(city) (province/state) (country) (date)

SIGNED, SEALED & DELIVERED  
by **DONALD S. MAVINIC**  
in the presence of:

Valerie Ball  
Signature of Witness

Valerie Ball  
Print Witness's Name

4089 W. 28 Ave  
Vancouver, B.C.

Print Witness's Address

Patent Secret.  
Print Witness's Occupation

[Signature]  
DONALD S. MAVINIC

EXECUTED at Vancouver B.C. Canada this 13<sup>th</sup> day of February, 2004.  
(city) (province/state) (country) (date)

SIGNED, SEALED & DELIVERED  
by **NOBORU YONEMITSU**  
in the presence of:

Valerie Ball  
Signature of Witness

Valerie Ball  
Print Witness's Name

4089 W 28 Ave  
Vancouver, B.C.  
V6S 1S7

Print Witness's Address

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[Signature]  
NOBORU YONEMITSU