OMB No. 0651-0027 (exp. 5/31/2002)	U.S. Patent and Trademark C
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Tab settings ↔ ↔ ★ ★ 1020	07351 Please Record the attached original documents or copy thereof.
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1. Name of conveying party(ies): Karl T. Chuang	2. Name and address of receiving party(ies)
Yung F. Chen $\begin{pmatrix} M_{4R} & g_{4} \\ g_{4} & 2002 \\ g_{4} & g_{4} \end{pmatrix}$	Name: The Governors of the University of Alberta
ATTEN UN LINE	Internal Address: 222 Campus Tower
Additional name of conveying party(ies) attached to the set of No	
MRD 3/4/2	
3. Nature of conveyance:	
🛛 Assignment 🗌 Merger	Street Address: 222 Campus Tower
	8625-112 Street
Security Agreement Change of Name	City: Edmonton State: Alberta Zip: T6G
Other	Country: <u>Canada</u>
Execution Date: November 28, 2001 and January 22, 2002	Additional Name(s) & address(es) attached? 🔲 Yes 🛛
<ol> <li>Application number(s) or patent number(s):</li> </ol>	
Additional numbers a	ttached?  Yes No
<ol><li>Name and address of party to whom correspondence concerning this document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1
-	
Name: Philip C. Mendes da Costa	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
Name: Philip C. Mendes da Costa	<ul> <li>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></li> <li>☑ Enclosed (cheque No. <u>92.02</u>)</li> </ul>
	<ul> <li>Enclosed (cheque No. <u>9202</u>)</li> <li>Authorized to be charged to deposit account</li> </ul>
Internal Address: <u>c/o Bereskin &amp; Parr</u>	<ul> <li>Enclosed (cheque No. <u>9202</u>)</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
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Internal Address: <u>c/o Bereskin &amp; Parr</u> Street Address: Box 401, 40 King Street West City: <u>Toronto</u> State: <u>Ontario</u> Zip: M5H 3Y2 Country: <u>Canada</u>	<ul> <li>Enclosed (cheque No. <u>92.02</u>)</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 022095</li> </ul>
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## PATENT REEL: 012636 FRAME: 0862

## <u>ASSIGNMENT</u>

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby acknowledged, we **Karl T. Chuang**, whose full post office address is 8742-117 Street, Edmonton, Alberta, T6J 6A6, Canada, and **Yung F. Chen**, whose full post office address is No. 57, Cheng 3 Street, Taoyuan City, Taiwan hereby confirm that we have sold and assigned, and do hereby sell and assign to The Governors of the University of Alberta, 222 Campus Tower, 8625-112 Street, Edmonton, Alberta, T6G 2E1, Canada, as assignee, all of our right, title and interest for Canada, the United States of America and all other countries in and to an invention entitled:

## PROCESS FOR PRODUCTION OF ALCOHOLS

as described and illustrated in the United States Patent Application No. 09/918,474 filed on August 1, 2001, and all of our right, title and interest in and to said patent application and in and to any divisions, continuations, extensions of, and supplementary disclosures thereto, and in and to any patents that may be granted for said invention and in and to any additions or modifications to said invention.

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 inventions and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention or for additions and modifications thereto, filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue said Letters Patent to said **The Governors of the University of Alberta**, 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.

PATENT REEL: 012636 FRAME: 0864 tل SIGNED AT Edmonton, Alberta, Canada, this دلالا SIGNED AT Edmonton, Alberta, Canada, this دلالا SIGNED AT Edmonton, Alberta, Canada, this الم

Kreling Karl T. Chuang

Witness

SIGNED AT chia-Yi, Tainian, this 22 day of January , 200**2**.

Wei-Bin An

Yung Fen Chen Yung F. Chen

Witness

**RECORDED: 03/04/2002**