


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings $\Rightarrow \Rightarrow \Rightarrow$	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Alan Ka-ming Wu Bruce Laurance Evans Brian Duke Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>LONG MANUFACTURING LTD.</u> Internal Address: _____ Street Address: <u>656 Kerr Street</u> City: <u>Oakville, Canada</u> State: <u>ON</u> Zip: <u>L6K 3E4</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>02/02/2000</u>	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) <u>09/983,106</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>W. Dennis Moss</u> Internal Address: <u>RIDOUT & MAYBEE LLP</u> Street Address: <u>One Queen Street East</u> <u>Suite 2400</u> City: <u>Toronto, Canada</u> State: <u>ON</u> Zip: <u>M5C 3B1</u>	6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>13-2400</u>	
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9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>David J. Greer, Reg. No. 43,395</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>Jun 20, 2003</u> Date </div> </div>		
Total number of pages including cover sheet, attachments, and documents: <input type="checkbox"/>		

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Mall documents to be recorded with required cover sheet information to:
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Alan Ka-ming Wu
Bruce Laurance Evans
Brian Duke

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

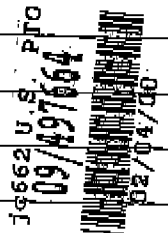
Name: Long Manufacturing Ltd.

Address: 656 Kerr Street

City: Oakville State/Prov.: Ontario

Country: Canada ZIP: L6K 3E4

Additional name(s) & address(es) Yes No



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: February 2, 2000

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: February 2, 2000

Patent Application No.	Filing date	B. Patent No.(s)
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Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: W. Dennis Moss

Registration No. 27,749

Address: Barrigar & Moss

2 Robert Speck Parkway, #901

City: Mississauga State/Prov.: Ontario

Country: Canada ZIP: L4Z 1H8

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

13-4764

(Attach duplicate copy of this page if paying by deposit account)

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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.

W. Dennis Moss

Februray 2, 2000

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

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PATENT

BARRIGAR & MOSS**WORLDWIDE****PATENT ASSIGNMENT**

WHEREAS, Alan Ka-ming Wu, (hereinafter referred to as WU), whose full post office address is 66 Bechtel Drive, Kitchener, Ontario, Canada, N2P 1S8; Bruce Laurance Evans, (hereinafter referred to as EVANS), whose full post office address is 5421 Randolph Cr., Burlington, Ontario, Canada, L7L 3C4, and Brian Duke, (hereinafter referred to as DUKE), whose full post office address is 24 Kentmere Grove, Carlisle, Ontario, L0R 1H2, have invented certain new and useful improvements in an invention entitled:

**SELF-ENCLOSING HEAT EXCHANGER
WITH CRIMPED TURBULIZER**

as described and claimed in the patent applications and/or patents listed in Schedule "A" attached hereto.

AND WHEREAS, the invention was made by WU, EVANS and DUKE during the course of their employment with Long Manufacturing Ltd., whose full post office address is 656 Kerr Street, Oakville, Ontario, Canada, L6K 3E4;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to them in hand paid, the receipt of which is hereby acknowledged, WU, EVANS and DUKE hereby confirm that they have sold, assigned, and transferred, and do hereby sell, assign and transfer to Long Manufacturing Ltd., whose full post office address is 656 Kerr Street, Oakville, Ontario, Canada, L6K 3E4, its successors and assigns, the whole right, title and interest in and to said invention for Canada, the United States of America and all other countries, and in and to any Letters Patent that may be obtained for said invention;

AND WU, EVANS and DUKE hereby covenant and agree to do all such things and to execute without further consideration such further assurances, applications, and other instruments as may reasonably be required to obtain Letters Patent for said

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invention and vest the same in Long Manufacturing Ltd., its successors and assigns;

AND WU, EVANS and DUKE hereby authorize and request the Commissioner of Patents to issue said Letters Patent to Long Manufacturing Ltd. 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 them had this Assignment and sale not been made;

AND WU, EVANS and DUKE hereby authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any applications for patent or other form of protection for said invention 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 them, and WU, EVANS and DUKE hereby assign to said assignee all their said right to claim such priority in any country from said patent applications;


AND WU, EVANS and DUKE hereby authorize and grant to the firm BARRIGAR & MOSS of 2 Robert Speck Parkway, Suite 901, Mississauga, Ontario, Canada, L4Z 1H8, the power to insert on this Assignment such further identification which may be necessary or desirable in order to comply with the patent regulations of any country for recordation of this document.

Executed at Mississauga, Ontario, Canada effective
the 2nd day of February, 2000.


Alan Ka-ming Wu

NOTARIAL CERTIFICATE

Before me this 2nd day of February, 2000 personally appeared Alan Ka-ming Wu to me known and known to me to be the individual described in the foregoing Assignment, who in my presence executed this Assignment and who by me being sworn did acknowledge that he executed this Assignment as his free act and deed.



Notary Public


Executed at Mississauga, Ontario, Canada effective the 2nd day of February 2000.



Bruce Laurance Evans

NOTARIAL CERTIFICATE

Before me this 2nd day of February 2000 personally appeared Bruce Laurance Evans to me known and known to me to be the individual described in the foregoing Assignment, who in my presence executed this Assignment and who by me being sworn did acknowledge that he executed this Assignment as his free act and deed.



Notary Public

Executed at Mississauga, Ontario, Canada effective the 2nd day of February 2000.



Brian Duke

NOTARIAL CERTIFICATE

Before me this 2nd day of February 2000 personally appeared Brian Duke to me known and known to me to be the individual described in the foregoing Assignment, who in my presence executed this Assignment and who by me being sworn did acknowledge that he executed this Assignment as his free act and deed.



Notary Public

Schedule "A"

U.S. Patent Application executed on February 2, 2000