## PATENT RECORDATION F COVER SHEET



10002893US / U74.12-0058 -- kmm

To the Commissioner for Patents: Mail Stop Assignment Recordation Services - Please record the attached copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 12.18.07 (1) Xiaohong Liao (2) Zidu Ma Name: Hamilton Sundstrand Corporation (3) James R. Irish Internal Address: \_\_\_ Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No Street Address: 4747 Harrison Avenue 3. Nature of Conveyance: City: Rockford, State: IL ZIP 61125-7002 [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other \_\_\_\_ Execution Date: December 17, 2007 Additional name(s) & address(es) attached? [ ] Yes [X] No 4A. Application No.(s) 4B. Patent No.(s) Additional numbers attached? [ ] Yes [X] No If this document is being filed together with a new application, the execution date(s) of the application is: December 17, 2007 Additional numbers attached? [ ] Yes [X] No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents document should be mailed: involved: [1] Name: Brian R. Morrison Street Address: Kinney & Lange, P.A., 7. Total fee (37 C.F.R. 3.41):....\$ 40.00 312 South Third Street The Commissioner is hereby authorized to charge any additional fee City: Minneapolis State: MN ZIP 55415-1002 required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed. DO NOT USE THIS SPACE 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. Total number of pages including cover sheet, attachments and document: [4]

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PATENT REEL: 020297 FRAME: 0227

## ASSIGNMENT

PA0002893US / U74.12-0058

First Named Inventor : Xiaohong Liao

Title

WHEREAS, I, Xiaohong Liao, of South Windsor, CT, USA; Zidu Ma, of Ellington, CT, USA; and James R. Irish, of Vernon, CT, USA, have invented certain new and useful improvements as described in an application entitled HOLLOW FIBER MEMBRANE MODULES FOR USE IN DISTILLATION SYSTEMS for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_, filed \_

: HOLLOW FIBER MEMBRANE MODULES FOR USE IN DISTILLATION SYSTEMS

WHEREAS, Hamilton Sundstrand Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at 4747 Harrison Avenue, Rockford, IL 61125-7002, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged. I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patentor similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Xiaohong Liao

12/17/<sub>2</sub>7

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## **ASSIGNMENT**

Attorney Docket No.

PA0002893US / U74.12-0058

Zidu Ma

Witness Signature

Witness Printed Name

12/17/07

Date

James R. Irish

Witness Signature

HAN SKRZYN, ARZ Witness Printed Name 12/17/27

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Attorney Docket No.: PA0002893US / U74.12-0058 -- kmm

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1. Name of conveying party(ies): (1) Xiaohong Liao (2) Zidu Ma (3) James R. Irish  Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No  3. Nature of Conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other  Execution Date: December 17, 2007	2. Name and address of receiving party(ies):  Name: Hamilton Sundstrand Corporation  Internal Address:  Street Address: 4747 Harrison Avenue  City: Rockford, State: IL ZIP 61125-7002
4A. Application No.(s)	Additional name(s) & address(es) attached? [ ] Yes [X] No 4B. Patent No.(s)
If this document is being filed together with a new application, the execution date(s) of the application is: <a href="December 17, 2007">December 17, 2007</a> Additional numbers attached? [ ] Yes [X] No	Additional numbers attached? [ ] Yes [X] No  DUPLICATE
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Brian R. Morrison  Street Address: Kinney & Lange, P.A.,  312 South Third Street  City: Minneapolis State: MN ZIP 55415-1002	7. Total fee (37 C.F.R. 3.41):\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
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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.	
12/18/07    Brian R. Morrison   Date   Total number of pages including cover sheet, attachments and document: [4]	

PATENT REEL: 020297 FRAME: 0230

**RECORDED: 12/18/2007**