(Rev. 10/02)	21 - 2005 U.S. DEPARTMENT OF COMU.S. Patent and Trademan		
OMB No. 0651-0027 (exp. 6/30/2005)			
· · · — —	122494 original documents or conv thereo:		
To the Honorable Commissioner of Patents and Trademarks:	Please 7544 Joriginal documents or copy thereo	f.	
Name of conveying party(ies): / A	Name and address of receiving party(ies)	i	
Mustafa Kemal YANIK Satheesh KULANKARA	Name: YORK INTERNATIONAL CORPORATION		
Mahesh VALIYA NADUVATH John Raymond MATHIAS	Internal Address:	_{	
Additional name of conveying party(ies) attached? ☐ Yes ☒ No			
3. Nature of conveyance:	Street Address: 631 South Richland Avenue		
	Guest Address. 331 South Mondala Avenue		
☐ Security Agreement ☐ Change of Name	City: York State: PA Zip: 1	740	
Other			
Execution Date: November 7, 2005 and November 9, 2005	Additional Name(s) & address(es) attached? ☐ Yes ☒		
 Application number(s) or patent number(s): If this document is being filed together with a new application. A. Patent Application No.(s) Additional numbers a	on, the execution date of the application is: November 10 B. Patent No.(s) tached? Yes No) <u>, 2</u> (
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence	B. Patent No.(s)		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed:	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans	B. Patent No.(s) tached? □ Yes ☑ No		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed:	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$ 40.00		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00 Enclosed		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC	B. Patent No.(s) tached? Yes No 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: 50-1059		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street, P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street, P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street, P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166 DO NOT US 9. Statement and signature.	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street, P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166 DO NOT US 9. Statement and signature. To the best of my knowledge and belief, the foregoing infois a true copy of the original document.	B. Patent No.(s) tached? Yes No 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: 50-1059 (Attach duplicate copy of this page if paying by deposit account is true and correct and any attached copy		
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers a 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Andrew L. Oltmans Internal Address: McNees Wallace & Nurick LLC Street Address: 100 Pine Street, P.O. Box 1166 City: Harrisburg State: PA Zip: 17108-1166 DO NOT US 9. Statement and signature. To the best of my knowledge and belief, the foregoing info	B. Patent No.(s) tached? Yes No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00		

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Application No.: N/A

JOINT ASSIGNMENT OF APPLICATION

Whereas, We, Mustafa Kemal YANIK, Satheesh KULANKARA, Mahesh VALIYA NADUVATH and John Raymond MATHIAS hereafter referred to as "applicants" or "assignors", who reside at the corresponding addresses provided below, have invented certain new and useful improvements in a(n) COMPACT EVAPORATOR HEAT EXCHANGER FOR CHILLER APPLICATION

	\boxtimes	for which an a	for which an application for a United States Patent will be				
		subsequently	filed. We here	eby authorize and reque	st an attorney		
		having the po	wer of attorne	to prosecute the applic	ation from		
		McNees Wall	ace & Nurick L	LC of 100 Pine Street, P	O. Box 1166		
		Harrisburg, P	A 17108 to ins	ert here in parenthesis (Application		
		number	, filed _	November 10, 2005) the filing		
		date and application number of the application when known.					
		for which an a	application for	a United States Patent v	vas filed on		
				<u> </u>	,		
and							

Whereas, YORK INTERNATIONAL CORPORATION, whose street address is 631 South Richland Avenue, York, PA 17403-3445, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and this

Page 1 of 5

PATENT REEL: 017237 FRAME: 0173

Application No.: N/A

application, and all divisions, and continuations thereof, and all Letters Patent of the United

States which may be granted thereon, and all reissues thereof, and all rights to claim

priority on the basis of such application, and all applications for Letters Patent which may

hereafter be filed for this invention in any foreign country and all Letters Patent which may

be granted on this invention in any foreign country, and all extensions, renewals, and

reissues thereof; and We hereby authorize and request the Commissioner of Patents and

Trademarks of the United States and any official of any foreign country whose duty it is to

issue patents on applications as described above, to issue all Letters Patent for this

invention to assignee, its successors and assigns, in accordance with the terms of this

assignment;

AND, We hereby covenant that We have the full right to convey the interest

assigned by this Assignment, and We have not executed and will not execute any

agreement in conflict with this Assignment;

AND. We hereby further covenant and agree that We will, without further

consideration, communicate with assignee, its successors and assigns, any facts known to

us respecting this invention, and testify in any legal proceeding, sign all lawful papers that

may be necessary or desirable to perfect the title to this invention in said assignee, its

successors or assigns, execute all divisional, continuation, and reissue applications, make

all rightful oaths and generally do everything possible to aid assignee, its successors and

assigns, to obtain and enforce Letters Patent for this invention in the United States and any

Page 2 of 5

PATENT

REEL: 017237 FRAME: 0174

Application No.: N/A

foreign country, it being understood that any expense incident to the execution of such

papers shall be borne by the assignee, its successors and assigns.

We hereby declare that all statements made herein and on the accompanying

Assignment Recordal Letter of our own knowledge are true and that all statements made

on information and belief are believed to be true; and further that these statements were

made with the knowledge that willful false statements and the like so made are punishable

by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code.

and that such willful false statements may jeopardize the validity of the application or any

patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto

set our hands having read and understood this Assignment.

Mustafa Kemal YANIK 221 Cedar Village Drive SS.

York, PA 17402

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Tonia L. Wright, Notary Public City of York, York County My Commission Expires Oct. 28, 2008

Date:

Page 3 of 5

REEL: 017237 FRAME: 0175

State of Purceylvanus COMMONWEALTH OF PENNSYLVANIA Notarial Seal Tonia L. Wright, Notary Public City of York, York County My Commission Expires Oct. 28, 2008 Member, Pennsylvania Association of Notaries Subscribed and Sworn to me this	SS.	Satheesh KULANKARA 2571 El Dorado Drive York, PA 17402 By: Date:
State Monde And	SS.	Mahesh VALIYA NADUVATH 1537 Melton Road Lutherville, MD 21093 By:

Attorney Docket No.: 20712-0138-01 Application No.: N/A

Page 4 of 5

Application No.: N/A

County of $\frac{Cssex}{}$

State of Hadleyh

John Raymond MATHIAS

SS. 54 Rise Park

Basildon, Essex SS15 5DZ

ENGLAND

/ 8y:___

Date: 4 Mov 2005.

Subscribed and Sworn to me

this 9 th day of November, 2005

Notary Public

NOTARY PUBLIC

ANDREW HURRELL

Solicitors & Notary Central Chambers, 227 London Road Hadleigh, Benfleet, Essex SS7 2RF

RECORDED: 11/10/2005

Page 5 of 5

PATENT REEL: 017237 FRAME: 0177