

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Huazhao LIU</td> <td>04/07/2013</td> </tr> </tbody> </table>		Name	Execution Date	Huazhao LIU	04/07/2013						
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SANHUA HOLDING GROUP CO., LTD</td> </tr> <tr> <td>Street Address:</td> <td>Xialiquan, Qixing Street, Xinchang County</td> </tr> <tr> <td>City:</td> <td>Zhejiang</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>312500</td> </tr> </table>		Name:	SANHUA HOLDING GROUP CO., LTD	Street Address:	Xialiquan, Qixing Street, Xinchang County	City:	Zhejiang	State/Country:	CHINA	Postal Code:	312500
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<table border="1"> <tr> <td>Name:</td> <td>DANFOSS A/S</td> </tr> <tr> <td>Street Address:</td> <td>Nordborgvej 81</td> </tr> <tr> <td>City:</td> <td>Nordborg</td> </tr> <tr> <td>State/Country:</td> <td>DENMARK</td> </tr> <tr> <td>Postal Code:</td> <td>DK-6430</td> </tr> </table>		Name:	DANFOSS A/S	Street Address:	Nordborgvej 81	City:	Nordborg	State/Country:	DENMARK	Postal Code:	DK-6430
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13822612</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13822612						
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CORRESPONDENCE DATA											
Fax Number:	7037707901										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	703-770-7900										
Email:	jennifer.sallee@pillsburylaw.com										
Correspondent Name:	PILLSBURY WINTHROP SHAW PITTMAN LLP										
Address Line 1:	P.O. BOX 10500										
Address Line 4:	MCLEAN, VIRGINIA 22102										
ATTORNEY DOCKET NUMBER:	017106-0421637										

CH \$40.00 13822612

NAME OF SUBMITTER:	Jennifer E. Sallee
Signature:	/Jennifer E. Sallee/
Date:	04/10/2013
Total Attachments: 2 source=0421637_Assignment#page1.tif source=0421637_Assignment#page2.tif	

Atty. Dkt.  
017106-0421637  
M#

FP130027US/B  
Client Ref.

### ASSIGNMENT

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration received by the ASSIGNOR(s), namely:

INSERT	(1) Huazhao LIU	(2)
NAME(S) OF	(3)	(4)
ASSIGNOR(S)	(5)	(6)
	(7)	(8)

the receipt and sufficiency of which are hereby acknowledged by the ASSIGNOR(s), the ASSIGNOR(s) hereby sells(s), assigns(s) and transfer(s) unto:

INSERT	SANHUA HOLDING GROUP CO., LTD	DANFOSS A/S
NAME(S) OF	Xialiquan, Qixing Street,	Nordborgvej 81
ASSIGNEE(S)	Xinchang County,	DK-6430 Nordborg
& ADDRESS(ES)	Zhejiang 312500	DENMARK
	CHINA	

its or their successors, assigns and legal representatives (together and individually hereinafter "ASSIGNEE") and to the extent already assigned or transferred to ASSIGNEE by operation of law or by a general obligation between the ASSIGNOR(s) and ASSIGNEE, the ASSIGNOR(s) hereby confirm(s) and formalize(s) the assignment and transfer to ASSIGNEE of, the entire and exclusive right, title and interest for the United States of America, in, to and under the invention(s), improvements thereof, and all patent applications (including without limitation all patent applications claiming priority and/or benefit, including without limitation all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications), patents (including without limitation extensions, reissues and renewals thereof), and other intellectual property protection (including without limitation all utility models, designs and inventor certificates, and applications, extensions, renewals and reissues for the same) therefor, together with, though not in any way of limitation, all rights of priority under the International Convention for the Protection of Industrial Property and all other laws and international agreements, the right to apply for patents in ASSIGNEE's name(s), and all rights of recovery for past, present or future infringement thereof, known as

TITLE OF INVENTION

REFRIGERANT GUIDING PIPE AND HEAT EXCHANGER HAVING REFRIGERANT GUIDING PIPE

for which a patent application was executed and/or filed for:

NOTE → →

(Complete

line A, B and/or C)

(A)  even date herewith

(B)  on

(C)  in U.S. Appl. No.

13/822,612

filed March 12, 2013

AND the ASSIGNOR(s) hereby authorize(s) and request(s) any government agency, office or official whose duty includes issuing patents or other evidence or forms of intellectual property protection on or for the aforesaid invention(s) and application(s), to issue the same to ASSIGNEE, as the assignee(s) of all rights, title, interests thereto and/or as the applicant(s) therefor;

AND the ASSIGNOR(s) agree(s) that the attorney of record in the aforesaid application(s) shall hereinafter act on behalf of ASSIGNEE;

AND the ASSIGNOR(s) agree(s), without further remuneration, to communicate to ASSIGNEE any facts known to the ASSIGNOR(s) respecting the aforesaid invention(s), and all related patent applications, patents, and other intellectual property protection mentioned above, and to testify in any legal proceeding, sign any lawful papers, execute any applications, make any rightful oaths or declarations, and generally provide all assistance, cooperation and information reasonably necessary for

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ASSIGNEE to perfect title in, prepare, complete, prosecute, obtain, maintain, preserve, enforce and/or defend the aforesaid invention(s) and all related patent applications, patents and other intellectual property protection mentioned above, and grant(s) ASSIGNEE a perpetual and irrevocable power of attorney to execute and sign in the name(s) and on behalf of the ASSIGNOR(s) any documents of any nature in pursuit of the aforesaid;

AND the ASSIGNOR(s) agree(s) not to contest or aid in contesting the validity, enforceability or ownership of the aforesaid invention(s) and all related patent applications, patents, and other intellectual property protection mentioned above;

AND the ASSIGNOR(s) represent(s) and warrant(s) to have the full right to convey the subject matter herein assigned, to have obtained the consent, if applicable, of all joint owners and all inventors to the subject matter assigned herein, to have not made and will not make any agreement or license in conflict herewith, and to have not encumbered and will not encumber by any grant, license or right the subject matter herein assigned;

AND the ASSIGNOR(s) hereby authorize(s) any attorneys or other representatives of ASSIGNEE to insert hereon any further identification necessary or desirable for recordation of this document, including without limitation any applicable patent or patent application number;

AND, where permitted by law, the ASSIGNOR(s) agree(s) that the agreement herein supersedes, modifies and/or supplements the law to the extent the agreement herein provides ASSIGNEE greater rights and protections than available under the law;

AND the ASSIGNOR(s) irrevocably waive their rights to rescind the agreement herein;

AND the ASSIGNOR(s) and ASSIGNEE agree that if any provision of the agreement herein is deemed to be unenforceable, void, illegal or invalid, it shall be modified so as to make it valid and enforceable, and as so modified the agreement herein shall remain in full force and effect.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1) Name:	<u>Huazhao Liu</u> Huazhao LIU	<u>2013.4.7</u>	<u>Xiaoming Zhong</u> Xiaoming ZHONG

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