

## PATENT ASSIGNMENT

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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>Qiang GAO</td> <td>05/29/2013</td> </tr> <tr> <td>Yanxing LI</td> <td>06/03/2013</td> </tr> <tr> <td>Linjie HUANG</td> <td>05/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Qiang GAO	05/29/2013	Yanxing LI	06/03/2013	Linjie HUANG	05/27/2013				
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<table border="1"> <tr> <td>Name:</td> <td>SANHUA HOLDING GROUP CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>Xialiquan, Qixing Street</td> </tr> <tr> <td>Internal Address:</td> <td>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	Internal Address:	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>6430</td> </tr> </table>		Name:	DANFOSS A/S	Street Address:	Nordborgvej 81	City:	Nordborg	State/Country:	DENMARK	Postal Code:	6430		
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CORRESPONDENCE DATA													
Fax Number:	2033276401												
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CH \$40.00 13991821

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ATTORNEY DOCKET NUMBER:	0009198USU/3260
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NAME OF SUBMITTER:	Paul D. Greeley
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Signature:	/Paul D. Greeley/
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Date:	06/06/2013
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**Total Attachments: 6**

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**JOINT ASSIGNMENT**

The ASSIGNORS,

Qiang GAO  
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Yanxing LI  
#289, 12th Street, Economic  
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Zhejiang 310018, P.R. China

Linjie HUANG  
#289, 12th Street, Economic  
Development Area, Hangzhou,  
Zhejiang 310018, P.R. China

have invented certain new and useful improvements in

**METHOD FOR MANUFACTURING REFRIGERANT GUIDE TUBE OF HEAT EXCHANGER,  
REFRIGERANT GUIDE TUBE MANUFACTURED USING THE METHOD AND HEAT  
EXCHANGER WITH THE REFRIGERANT GUIDE TUBE**

an invention which is fully described in an application for Letters Patent of the United States executed by them this day; and

The ASSIGNEE, **SANHUA HOLDING GROUP CO., LTD.** a Chinese institute having its principal office at Xialiquan, Qixing Street, Xinchang County, Zhejiang 312500, P.R. China, and **DANFOSS A/S** a Danish institute having its principal office at Nordborgvej 81 DK-6430 Nordborg, Denmark, wish to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention and application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

**Qiang GAO**  
Inventor's Name

*Qiang Gao*  
Signature

*May. 29.*  
Date, 2013

*Xiaoming Zhong*  
Witness

**Yanxing LI**  
Inventor's Name

\_\_\_\_\_  
Signature

\_\_\_\_\_, 2013  
Date

\_\_\_\_\_  
Witness

**Linjie HUANG**  
Inventor's Name

\_\_\_\_\_  
Signature

\_\_\_\_\_, 2013  
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Qiang GAO

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\_\_\_\_\_  
Signature

\_\_\_\_\_, 2013  
Date

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Witness

Yanxing LI

Inventor's Name

Yan Xing LI  
Signature

June 3rd, 2013  
Date

Xiao ming Zhang  
Witness

Linjie HUANG

Inventor's Name

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Signature

\_\_\_\_\_, 2013  
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Qiang GAO  
Inventor's Name

Yanxing LI  
Inventor's Name

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Signature

\_\_\_\_\_  
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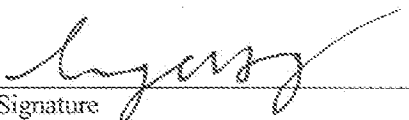
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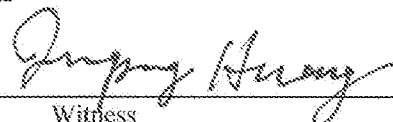
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Witness

\_\_\_\_\_  
Witness

Linh HUANG  
Inventor's Name

  
Signature

27/05/, 2013  
Date

  
Witness