505990722 03/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6037431

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEINZ BAUER	03/24/2020
FLORIAN DEICHSEL	03/24/2020
MARCUS LANG	03/25/2020
JUERGEN SPREEMANN	03/26/2020
MANFRED STEINBAUER	03/24/2020

RECEIVING PARTY DATA

Name:	LINDE AKTIENGESELLSCHAFT
Street Address:	KLOSTERHOFSTRASSE 1
City:	MÜNCHEN
State/Country:	GERMANY
Postal Code:	80331

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16834029

CORRESPONDENCE DATA

Fax Number: (810)385-9688

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 8103856050

Email: atesluk@questel.com

Correspondent Name: THOMAS F. QUINN, JR.

Address Line 1: 3061 COMMERCE DRIVE

Address Line 2: SUITE 1

Address Line 4: FORT GRATIOT, MICHIGAN 48059

ATTORNEY DOCKET NUMBER:	P19C037-US
NAME OF SUBMITTER:	THOMAS F. QUINN, JR.
SIGNATURE:	/Thomas F. Quinn, Jr. Reg. No. 35988/
DATE SIGNED:	03/30/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 505990722 REEL: 052259 FRAME: 0471

Total Attachments: 10 source=US-DeclarationAndAssignment-Executed_P19C037-US#page1.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page2.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page3.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page4.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page5.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page6.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page7.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page8.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page9.tif source=US-DeclarationAndAssignment-Executed_P19C037-US#page9.tif

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

CONTROLLABLE LIQUID DISTRIBUTOR OF A COILED-TUBE HEAT EXCHANGER FOR REALIZING DIFFERENT LIQUID LOADINGS

the specification of which is attached hereto along with any applicable amendments. hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. The above-identified application was made or authorized to be made by me. I acknowledge the duty to disclose information which is material to patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s) listed below, or 365(a) of any PCT international application, listed below and have also identified below any foreign application for patent, inventor's certificate(s) or any PCT international application having a filing date before that of the application on which priority is claimed: PRIOR FOREIGN APPLICATION(S):

PRIORITY AND PCT INFORMATION

EP	19020246.5	02 Apr 2019

WHEREAS, I, the undersigned, residing at the indicated address given next to my name below, have made an invention entitled - CONTROLLABLE LIQUID DISTRIBUTOR OF A COILED-TUBE HEAT EXCHANGER FOR REALIZING DIFFERENT LIQUID LOADINGS -, which is described in the above-identified PRIOR FOREIGN APPLICATION(S) listed by priority Patent Application number(s), date(s) and priority country.

WHEREAS, Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany desires to acquire the entire right, title and interest in and to said invention and in, to and under any Patent Applications which may be filed and any Letters Patent granted covering the invention in the United States and in any and all other countries.

NOW, THEREFORE, in view of my employment with Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany and other valuable consideration which is hereby acknowledged, I, the

undersigned, hereby sell, assign, and transfer to Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany its successors and assigns, the entire right, title and interest to the invention in the United States and in all other countries and the entire right, title, and interest in and to any and all patent applications covering the above invention, including the above identified application(s) and any and all corresponding and related applications in the United States and all countries, and the entire right, title, and interest in and to any and all Letters Patent which may be granted covering the invention in the United States and in any and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof, to the extent that I am an inventor of such invention and I covenant that I have the full right to do so.

I hereby authorize and request the Patent Office Officials in the United States and in any and all other countries to issue any and all of said Letters Patent, when granted, to Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany, as the assignee of the entire right, title and interest in and to the same, for the sole use of Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany, its successors and assigns. I further agree that I will communicate to Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany or its representatives or agents all facts and information known or available to me regarding said invention whenever requested; I will testify in any interference or other legal proceeding; I will execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, depositions, etc. and generally do everything possible to aid said Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany, its successors and assigns, at its expense, in obtaining and enforcing proper protection for said invention in the United States and all other countries.

This Assignment shall be effective the earlier of: the date of my signature as indicated next to my name below, or the date of the last priority filing listed above. IN TESTIMONY WHEREOF, I hereby execute this assignment:

Heinz BAUER Inventor Name: Signature: ceteG

Gartenstraße 12, 82067 Ebenhausen, Germany Malling Address:

Citizen oft

DE

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

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undersigned, hereby sell, assign, and transfer to Linde Aktiengesellschaft Klosterhofstrasse 1 80331 München Germany its successors and assigns, the entire right, title and interest to the invention in the United States and in all other countries and the entire right, title, and interest in and to any and all patent applications covering the above invention, including the above identified application(s) and any and all corresponding and related applications in the United States and all countries, and the entire right, title, and interest in and to any and all Letters Patent which may be granted covering the invention in the United States and in any and all other countries and in and to any and all divisions, reissues, continuations, and extensions thereof, to the extent that I am an inventor of such invention and I covenant that I have the full right to do so.

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This Assignment shall be effective the earlier of: the date of my signature as indicated next to my name below, or the date of the last priority filing listed above.

IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name:	Florian DEICHSEL
Signature:	Dishrel
Date:	24.03.2020
Mailing Address:	Lenaustr. 1, 81373 München Germany
Citizen of:	DE

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

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IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name:

Marcus DANG

Signature:

Date:

Mailing Address: Zeller Straße 46, 82067 Zell Germany

DE

Citizen of:

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

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IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name:

Mading Address:

Jürgen SPREEMAN

Signature:

26012020

Date:

Printregentenstraße 57, 83022 Rosenheim Germany

Ottizen of:

30

As a below named inventor, I hereby declare that: I believe I am the original inventor or an original joint inventor of a claimed invention in the application, which is entitled:

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IN TESTIMONY WHEREOF, I hereby execute this assignment:

Inventor Name: Manfred STEINBAUER

Signature: 2432020

Date: Ledergasse 20, 82399 Raisting Germany

PATENT REEL: 052259 FRAME: 0482

RECORDED: 03/30/2020

Citizen of:

DE