

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Street address of assignee Karsten Laing from Theodor-Heuss-Strasse 29 to Theodor-Heuss-Strasse 29 previously recorded on Reel 022170 Frame 0297. Assignor(s) hereby confirms the Assignment.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Oliver Laing</td><td>12/08/2008</td></tr><tr><td>Karsten Laing</td><td>12/20/2008</td></tr></tbody></table>		Name	Execution Date	Oliver Laing	12/08/2008	Karsten Laing	12/20/2008				
Name	Execution Date										
Oliver Laing	12/08/2008										
Karsten Laing	12/20/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Karsten Laing</td></tr><tr><td>Street Address:</td><td>Theodor-Heuss-Strasse 29</td></tr><tr><td>City:</td><td>Althütte</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>71566</td></tr></table>		Name:	Karsten Laing	Street Address:	Theodor-Heuss-Strasse 29	City:	Althütte	State/Country:	GERMANY	Postal Code:	71566
Name:	Karsten Laing										
Street Address:	Theodor-Heuss-Strasse 29										
City:	Althütte										
State/Country:	GERMANY										
Postal Code:	71566										
<table border="1"><tr><td>Name:</td><td>Oliver Laing</td></tr><tr><td>Street Address:</td><td>Rappenberg 62</td></tr><tr><td>City:</td><td>Stuttgart</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>70435</td></tr></table>		Name:	Oliver Laing	Street Address:	Rappenberg 62	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	70435
Name:	Oliver Laing										
Street Address:	Rappenberg 62										
City:	Stuttgart										
State/Country:	GERMANY										
Postal Code:	70435										
<table border="1"><tr><td>Name:</td><td>Birger Laing</td></tr><tr><td>Street Address:</td><td>Kirchenweinbergstrasse 45</td></tr><tr><td>City:</td><td>Marbach</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>71672</td></tr></table>		Name:	Birger Laing	Street Address:	Kirchenweinbergstrasse 45	City:	Marbach	State/Country:	GERMANY	Postal Code:	71672
Name:	Birger Laing										
Street Address:	Kirchenweinbergstrasse 45										
City:	Marbach										
State/Country:	GERMANY										
Postal Code:	71672										
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>12290688</td></tr></tbody></table>		Property Type	Number	Application Number:	12290688						
Property Type	Number										
Application Number:	12290688										
CORRESPONDENCE DATA											

OP \$40.00 12290688

500793451

PATENT
REEL: 022324 FRAME: 0825

Fax Number: (203)459-0201

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 203-459-0200

Email: info@patlawfirm.com

Correspondent Name: Lipsitz & McAllister LLC

Address Line 1: 755 Main Street

Address Line 2: Building 8

Address Line 4: Monroe, CONNECTICUT 06468

ATTORNEY DOCKET NUMBER:

HOEG-1189

NAME OF SUBMITTER:

Douglas M. McAllister

Total Attachments: 6

source=NoticeofRecHOEG-1189#page1.tif

source=PTO-1595witherror#page1.tif

source=CorrectedPTO-1595#page1.tif

source=CorrectedPTO-1595#page2.tif

source=CorrectedPTO-1595#page3.tif

source=CorrectedPTO-1595#page4.tif



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 29, 2009

PTAS - DN



DOUGLAS M. MCALLISTER
LIPSITZ & MCALLISTER, LLC
755 MAIN STREET, BLDG. NO. 8
MONROE, CONNECTICUT 06468

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/21/2009

REEL/FRAME: 022170/0297
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LAING, OLIVER

DOC DATE: 12/08/2008

ASSIGNOR:

LAING, KARSTEN

DOC DATE: 12/20/2008

ASSIGNEE:

LAING, KARSTEN
THEODOR-HEUSS-STRASSE 29
ALTHUETTE, GERMANY 71566

ASSIGNEE:

LAING, OLIVER
RAPPENBERG 62
70435 STUTTGART, GERMANY

RECEIVED
2-2-09

01-27-2009



103545187

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party:
Oliver LAING and Karsten LAING

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s):

December 8, 2008 – by Oliver Laing

December 20, 2008 – by Karsten Laing

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other:

2. Name and address of receiving party(ies):

Name: **Karsten Laing**

Internal Address:

Street Address: **Theodor-Heuss-Strasse 29**

City: **Althütte**

State:

Country: **Germany**

Zip: **71566**

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No(s)

12/290,688

B. Patent No(s):

Additional numbers attached: ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: **Douglas M. McAllister**

Internal Address: **Lipsitz & McAllister, LLC**

Street Address: **755 Main Street, Bldg. No. 8**

City: **Monroe**

State: **Connecticut**

Zip: **06468**

Phone Number: **(203) 459-0200**

Fax Number: **(203) 459-0201**

Email Address: **info@patlawfirm.com**

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41).....\$ **40.00**

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number: **50-0625**

Authorized User Name: **Douglas M. McAllister**

- ☒ The Commissioner is hereby authorized to charge any deficiency in the payment of the required fee(s) or credit any overpayment to Deposit Account No. 50-0625.

9. Signature:

Name of Person Signing: **Douglas M. McAllister**

January 14, 2009

Date

Total number of pages including cover sheet, attachments and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment/Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

01/22/2009 CCHAU1 00000052 12290688

01 FC:8021

40.00 OF

Form PTO 1595

Page 2

Attachment Sheet for application number 12/290,688

Additional names and addresses of receiving parties:

- (2) Oliver LAING
Rappenberg 62
70435 Stuttgart
Germany
- (3) Birger LAING
Kirchenweinbergstrasse 45
71672 Marbach
Germany

U.S. ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged. I/we the undersigned,

Oliver LAING and Karsten LAING

who, has/have created a certain invention for which an application for United States Letters Patent has been:

☐ executed concurrently herewith

☒ filed on October 30, 2008 and assigned application number 12/290,688

and is entitled:

CIRCULATION PUMP, HEATING SYSTEM AND METHOD FOR DETERMINING THE FLOW RATE OF A LIQUID THROUGH A PIPE

- Do hereby sell, assign and transfer to:
- (1) **Karsten LAING**
Theodor-Heuss-Strasse 29
71566 Althütte
Germany
 - (2) **Oliver LAING**
Rappenberg 62
70435 Stuttgart
Germany
 - (3) **Birger LAING**
Kirchenweinbergstrasse 45
71672 Marbach
Germany

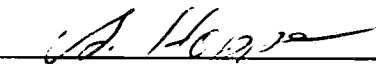
their heirs, successors, assigns, and legal representatives (hereinafter designated as the Assignees), the full and exclusive right in equal undivided amounts to said invention and said application and to any and all inventions described in said application for the United States and its territorial possessions, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto (including prior filed provisional applications and international applications) which have been or shall be filed in the United States and/or its territorial possessions, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties:

Agree that Assignees may apply for and receive in its own name Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in the United States and its territorial possessions; and that, when requested to carry out in good faith the intent and purpose of this assignment at the expense of said Assignees, their heirs, successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignees, their heirs, successors, assigns, and legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignees, their heirs, successors, assigns or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignees, their heirs, successors, assigns and legal representatives; and

Covenant with said Assignees, their heirs, successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby grant(s) the law firm of Lipsitz & McAllister, LLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

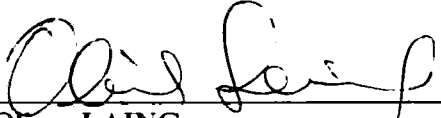
IN TESTIMONY WHEREOF, I/we have hereunto set my/our signature(s) on the date(s) indicated below.

E 
(Witness) Signature

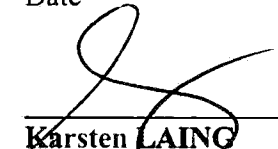
F 17. Hoppe
Name of Witness Printed

E 
(Witness) Signature

F 17. Hoppe
Name of Witness Printed

A  (L.S.)
Oliver LAING

B 12/2/08
Date

C  (L.S.)
Karsten LAING

D 12/20/08
Date