504651885 11/21/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALPIQ INTEC AG	11/13/2017

RECEIVING PARTY DATA

Name:	ALPIQ INTEC SCHWEIZ AG	
Street Address:	HOHLSTRASSE 188	
City:	ZURICH	
State/Country:	SWITZERLAND	
Postal Code:	8004	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14914853
Application Number:	15506857

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NAME OF SUBMITTER:	SARAH SCHLIE
SIGNATURE:	/Sarah Schlie/
DATE SIGNED:	11/21/2017

Total Attachments: 2

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PATENT 504651885 REEL: 044187 FRAME: 0619

ASSIGNMENT

WHEREAS, ALPIQ INTEC AG, (hereinafter referred to as Assignor), is the sole and exclusive owner, by assignment, of the Patent Applications listed in Schedule A; and

WHEREAS, ALPIQ INTEC SCHWEIZ AG, a corporation organized under and pursuant to the laws of Switzerland having its principal place of business at Hohlstrasse 188, 8004 Zürich, SWITZERLAND (hereinafter referred to as Assignee), is desirous of acquiring the right, title and interest in, to and under said Patent Applications and the inventions covered thereby;

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to the said Assignee, the entire right, title and interest for the United States of America and all other countries in and to said applications for all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries on the attached list of Schedule A, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on Schedule A to said assignee herein, as assignee of the entire interest therein; and the undersigned for itself and its legal representatives, heirs and assigns does hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions listed on Schedule A whenever requested, to testify in any interferences or other legal proceedings in which said application or patent may become involved, to sign all lawful papers, make all rightful oaths, and do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said invention listed on Schedule A in the United States of America and all other countries, the expenses incident to said applications listed on Schedule A to be borne and paid by said assignee.

Date: November 13 2017

Signature: /

ALPIQ INTEC AG

Schib Peter Name: Title:

Member of the

Gaffuri Franco Legal Counsel

Board of Directors

SCHEDULE A

Application Number	Filing Date	Tifle	Country
14/914,853	February 26, 2016	METHOD FOR PROGRAMMING ENERGY FLOW BETWEEN A GRID AND AN ACCUMULATOR OF AN ELECTRIC VEHICLE AND CORRESPONDING DEVICE FOR PROGRAMMING	U.S.
15/506,857	February 27, 2017	METHOD TO HEAT WATER IN AN ELECTRICAL BOILER, CORRESPONDING DEVICE AND ELECTRICAL BOILER	U.S.

1991-8-PCT US