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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREAS GRILL	11/16/2016
JENS-PATRICK SPRINGER	11/16/2016
RICHARD AUMANN	11/24/2016
ROY LANGER	11/23/2016
DANIELA WALTER	11/17/2016
ANDREAS SCHUSTER	11/23/2016

RECEIVING PARTY DATA

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Street Address:	RUPERT-MAYER-STRASSE 44	
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City:	MÜNCHEN	
State/Country:	GERMANY	
Postal Code:	81379	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15303902

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	021227.000011	
NAME OF SUBMITTER:	HENRY B. WARD, III	
SIGNATURE:	/hbw/	
DATE SIGNED:	11/30/2016	

Total Attachments: 8 source=Recordation_of_Assignment_021227_000011#page1.tif source=Recordation_of_Assignment_021227_000011#page2.tif source=Recordation_of_Assignment_021227_000011#page3.tif source=Recordation_of_Assignment_021227_000011#page4.tif source=Recordation_of_Assignment_021227_000011#page5.tif source=Recordation_of_Assignment_021227_000011#page6.tif source=Recordation_of_Assignment_021227_000011#page7.tif source=Recordation_of_Assignment_021227_000011#page8.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the Patent and Trademark Office: Please record the attached documents or the new address(es) belo	Attorney Dkt. No.: 021227.000011 pw.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Andreas Grill; Jens-Patrick Springer; Richard Aumann; Roy Langer; Daniela Walter; Andreas Schuster Additional name(s) of conveying party(ies) attached? Yes No 🗵	ORCAN ENERGY AG Rupert-Mayer-Strasse 44, Gebäude 6408, 4. OG (6. Flur) 81379, München Germany
3. Nature of conveyance/ Execution Date(s): Execution Date(s) November 16, 2016; November 17, 2016; November 23, 2016; November 24, 2016	Additional name(s) & address(es) attached? Yes 🗌 No 🗍
Z016; November 23, 2016; November 24, 2016	
Security Agreement Change of Name	
Joint Research Agreement	
Government Interest Assignment	
Executive Order 9424, Confirmatory License	
Other	
4. Application or patent number(s):	document serves an an Oath/Declaration (37 CFR 1.63).
A. Patent Application No.(s) 15/303,902	B. Patent No.(s)
Additional numbers at	ached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
MOORE & VAN ALLEN PLLC 3015 Carrington Mill Blvd., Suite 400 Post Office Box 13706 Research Triangle Park, NC 27709	
	7. Total fee (37 CFR 1.21(b) & 3.41) Payment by EFT Authorization to charge Deposit Account for any deficiency or credit any overpayment None required (if filed electronically after 12/31/2013) None required (government interest not affecting title)
	8. Deposit account number: 13-4365
	SE THIS SPACE
9. Statement and signature: To the best of my knowled	
correct and any attached copy is a true copy of the or /hbw/	Date: November 30, 2016
Name of Person Signing Henry B. Ward, III	
	Total number of pages including cover sheet, attachments, and documents: 8
Electronically filed via the EFS-Web Electronic Filing System of the	e United Statement Patent and Trademark Office on November 30, 2016.

REEL: 040464 FRAME: 0126

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

ORCAN ENERGY AG

Rupert-Mayer-Strasse 44 Gebäude 6408, 4. OG (6. Flur) München, GERMANY 81379

("Assignee") its successors and assigns, the entire right, title and interest, so far as concerns the United States and the territories and possessions thereof and all foreign countries in and to the invention in

DEVICE AND METHOD FOR RECOGNIZING LEAKS IN CLOSED CIRCULAR PROCESSES

	executed concurrently herewith
<u></u>	•
	executed on (Date)
[2]	Application No. 15/303,902; filed October 13, 2016
K34	Application No. 13/303,302, intel October 13, 2010

("Invention") as set forth in the United States Patent Application

("Application") said Application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said Invention or upon said Application (collectively "Applications"), and any and all letters patent and reissues, reexaminations, reviews and extensions of letters patent granted for said Invention or upon said Applications (collectively, "Letters Patent") and every priority right that is or may be predicated upon or arise from said Invention, said Applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said Invention in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said Invention, Applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts

relating to said Inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said Invention, and to testify in any proceedings relating to said Invention, Applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Date: > 11-16-7016

Andreas Grill

Date: 16.11.16

Jens-Patrick Springer

Date: Nov. 2414 2016

Richard Aumann

Date: 23/1/2016

Roy Langer

Date: M.11. 2016

Daniela Welter

Date: 23, 116

Andreas Schuster

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