PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BERND HAAS	08/30/2018
STEFAN ROST	08/29/2018
STEFAN WEIHARD	08/29/2018

RECEIVING PARTY DATA

Name:	MAN ENERGY SOLUTIONS SE	
Street Address:	STADTBACHSTR. 1	
City:	AUGSBURG	
State/Country:	GERMANY	
Postal Code:	86153	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16125037

CORRESPONDENCE DATA

Fax Number: (212)972-5487

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: 212 883-4900

Email: nyipdocketing@cozen.com

Correspondent Name: COZEN O'CONNOR

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ATTORNEY DOCKET NUMBER:	410001-723/433298
NAME OF SUBMITTER:	IAN R. BLUM
SIGNATURE:	/lan R. Blum/
DATE SIGNED:	09/07/2018

Total Attachments: 3

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PATENT 505083639 REEL: 046816 FRAME: 0339

Attorney Docket Number: 410001-723/433298

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable

consideration, the receipt of which is hereby acknowledged, we the undersigned, Bernd HAAS;

Stefan ROST; and Stefan WEIHARD (hereinafter referred to as "ASSIGNOR");

Hereby sell, assign and transfer to MAN ENERGY SOLUTIONS SE (hereinafter

referred to as "ASSIGNEE"), a corporation of Germany, having a place of business at

Stadibachstr. 1, D-86153 Augsburg, GERMANY, its successors, assigns and legal

representatives, the entire right, title and interest for the United States and all foreign countries,

in and to the invention which is disclosed in the application for United States Letters Patent,

which has been executed by the undersigned concurrently herewith, and which is entitled

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and in and to said application and all provisional, divisional, continuing, substitute, renewal,

reissue, and all other applications for Letters Patent which have been or shall be filed in the

United States and all foreign countries on said invention; and in and to all original, reissued and

other patents and certificates of invention which have been or shall be issued in the United States

and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said

invention in its own name, and that, when requested, without further consideration from or

charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to

carry out in good faith the intent and purpose of this assignment, the undersigned will execute all

divisional, continuing, substitute, renewal, reissue, and all other patent applications on said

invention; execute all rightful oaths, assignments, powers of attorney and other papers;

communicate to said Assignee, its successors, assigns, and representatives, all facts known to the

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PATENT REEL: 046816 FRAME: 0340 undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its 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.

Date	08/3012018	11/6/2
	month/day/year	Bernd HAAS
		Witness
		Witness
Date:	08/29/2018	HA BU
month/day/y	month/day/year	Stefap ROST
		Witness
		Witness

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Date:	08 129 (2 o 1)	84 W
	month/day/year	Stefan WEIHARD
		Witness
		Witness

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RECORDED: 09/07/2018