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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
KRESTEN EGEBLAD	10/04/2019
NIKLAS BENGT JAKOBSSON	10/04/2019
RASMUS TRANE-RESTRUP	09/02/2019
JACOB HJERRILD ZEUTHEN	07/11/2019
TROELS DAHLGAARD STUMMANN	10/04/2019

RECEIVING PARTY DATA

Name:	HALDOR TOPSOE A/S
Street Address:	HALDOR TOPSOES ALLE 1
City:	KGS. LYNGBY
State/Country:	DENMARK
Postal Code:	DK-2800

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16473436

CORRESPONDENCE DATA

Fax Number: (202)420-2201

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.

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ATTORNEY DOCKET NUMBER:	200422-00771
NAME OF SUBMITTER:	/PENNY HARRIS/
SIGNATURE:	/PMH/
DATE SIGNED:	10/08/2019

Total Attachments: 8

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by Kresten EGEBLAD, and Niklas Bengt
JAKOBSSON, and Rasmus TRANE-RESTRUP, and Jacob Hjerrild ZEUTHEN, and
Troels Dahlgaard STUMMANN (hereinafter referred to as Assignors), residing at
Tornehøj 40, 3520 Farum, DENMARK, and Hästkovägen 1, 26876 Kågeröd, SWEDEN,
and Bøgeholmen 16, 4000 Roskilde, DENMARK, and Furesøparkalle 5, 3460 Birkerød,
DENMARK, and Ætnavej 1, 2300 Copenhagen, DENMARK, respectively

WHEREAS, Assignor has invented certain new and useful improvements in "A METHOD FOR THE REMOVAL OF OXYGEN FROM AN INDUSTRIAL GAS FEED", set forth in a Patent application for Letters Patent of the United States:

executed on even date herewit	h; or	
x filed on June 25, 2019	as Application No. 16	5/473,436 ; and
WHEREAS, Haldor Top	soe A/S	a corporation
organized under and pursuant to the	laws of <u>Denmark</u>	having a
place of business at <u>Haldor Top</u>	osøes Alle 1 , DK-2800 Kg	s. Lyngby, DENMARK
(hereinafter referred to as Assignee),	is desirous of acquiring t	he entire right, title and
interest in and to said inventions and said Application for Letters Patent of the United		
States, and in and to any Letters Patent of the United States to be obtained therefore		
and thereon.		

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and

application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent

application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals 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 United States Patent and Trademark Office for recordation of this document:

BLANK ROME LLP

All practitioners at Customer Number 24998

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

4/10-2019	Freh hum
Date	Kresten EGEBLAD
Witness: MARTA JOSÉ ROMERO	De la
04-10-2019	Non
Date	Niklas Bengt JAKOBSSON
Witness: MARIA JOSÉ ROMERO	to doc
Sept. 2, 2019	from the the
Date	Rasmus TRANE-RESTRUP
Witness:	
Date	Jacob Hjerrild ZEUTHEN
Witness:	
04-10-2019	In Su
Date	Troels STUMMANN
Witness: MARIA JOSÉ ROMERO)

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by Kresten EGEBLAD, and Niklas Bengt JAKOBSSON, and Rasmus TRANE-RESTRUP, and Jacob Hjerrild ZEUTHEN, and Troels Dahlgaard STUMMANN (hereinafter referred to as Assignors), residing at Tornehøj 40, 3520 Farum, DENMARK, and Hästkovägen 1, 26876 Kågeröd, SWEDEN, and Bøgeholmen 16, 4000 Roskilde, DENMARK, and Furesøparkalle 5, 3460 Birkerød, DENMARK, and Ætnavej 1, 2300 Copenhagen, DENMARK, respectively

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executed on even date herewith;	or	
x filed on June 25, 2019	as Application No. $16/473,4$	136 ; and
WHEREAS, Haldor Topso	e A/S	_, a corporation
organized under and pursuant to the la	ws of <u>Denmark</u>	having a
place of business atHaldor Topsø	es Alle 1 , DK-2800 Kgs. Lyn	gby, DENMARK
(hereinafter referred to as Assignee), is	desirous of acquiring the ent	ire right, title and
interest in and to said inventions and said Application for Letters Patent of the United		
States, and in and to any Letters Patent of the United States to be obtained therefore		
and thereon		

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application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property including all rights of priority, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent

application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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BLANK ROME LLP

All practitioners at Customer Number 24998

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date	Kresten EGEBLAD	
Witness:		
Date	Niklas Bengt JAKOBSSON	
Witness:		
Date	Rasmus TRANE-RESTRUP	
Witness:		
11/7 2019	Jour Tenfl	
Date	Jacob Hjerrild ZEUTHEN	
Witness: Christoph Wolfer	6	
Date	Troels STUMMANN	
Witness:		

PATENT REEL: 050653 FRAME: 0259

RECORDED: 10/08/2019