

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5619753

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	AGA AKTIEBOLAG	07/04/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LINDE AKTIENGESELLSCHAFT	
<b>Street Address:</b>	KLOSTERHOFSTR. 1	
<b>City:</b>	MUNICH	
<b>State/Country:</b>	GERMANY	
<b>Postal Code:</b>	80331	
<b>PROPERTY NUMBERS Total: 7</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	6408639	
<b>Patent Number:</b>	6540878	
<b>Patent Number:</b>	7763117	
<b>Patent Number:</b>	7533874	
<b>Patent Number:</b>	8172567	
<b>Patent Number:</b>	8057221	
<b>Patent Number:</b>	8075303	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>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.</i>		
<b>Phone:</b>	9087716402	
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<b>Correspondent Name:</b>	PHILIP H. VON NEIDA	
<b>Address Line 1:</b>	200 SOMERSET CORP. BLVD.	
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<b>Address Line 4:</b>	BRIDGEWATER, NEW JERSEY 08807	
<b>ATTORNEY DOCKET NUMBER:</b>	AGA TO LINDE AG ASSIG 1A	
<b>NAME OF SUBMITTER:</b>	CHRISTINE CONNOLLY	
<b>SIGNATURE:</b>	/Christine Connolly/	
<b>DATE SIGNED:</b>	07/16/2019	

PATENT

**Total Attachments: 3**

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## ASSIGNMENT #1A

### WHEREAS,

AGA Aktiebolag (also known as AGA AB), a private limited liability company organized under the laws of Sweden, having a registered address of 18181 Lidingö, Sweden,

hereinafter referred to as the ASSIGNOR, is the current record owner of the entire right, title and interest in and to the U.S. patent and/or U.S. patent application numbers listed on the attached EXHIBIT A which is made a part hereof, the inventions covered thereby, the application(s) from which said patent issued and all U.S. and foreign and international treaty priority rights claimed therein or corresponding thereto, as well as all continuation and divisional applications claiming benefit of any of said applications;

### AND WHEREAS,

Linde Aktiengesellschaft (also known as Linde AG), a stock corporation organized under the laws of the Federal Republic of Germany, having a registered address of Klosterhofstraße 1, 80331 Munich, Germany,

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to that which is set forth in the attached EXHIBIT A, said inventions, said patents including any and all renewals, reissues and prolongations thereof, and said patent applications, as well as all U.S. continuation and divisional applications claiming benefit of any of said applications, and foreign and international treaty priority rights claimed therein or corresponding thereto, including the right to enforce, pursue, obtain relief, defend any and all causes of action or suits and/or other legal proceedings under or in relation to said patents and patent applications for infringement or other causes of action arising from ownership whether occurring herebefore, on or after the date of this Assignment, and to recover damages and profits for past, present and future infringements thereof or other causes of action arising from ownership.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, conveys and transfers, *nunc pro tunc*, effective February 25, 2019 (the "Effective Date") to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said inventions, said patents including any and all renewals, reissues and prolongations thereof, and said patent applications set forth in the attached EXHIBIT A, as well as all U.S. continuation and divisional applications claiming benefit of any of said applications, and foreign and

international treaty priority rights claimed therein or corresponding thereto, including the right to enforce, pursue, obtain relief, defend any and all causes of action or suits and/or other legal proceedings under said patents and patent applications for infringement or other causes of action arising from ownership whether occurring herebefore, on or after the Effective Date of this Assignment, and to recover damages and profits for past, present or future infringements thereof or other causes of action arising from ownership, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy said inventions, patents including any and all renewals, reissues, and prolongations thereof, and said patent applications set forth in the attached EXHIBIT A, as well as all U.S. continuation and divisional applications claiming benefit of any of said applications, and foreign and international treaty priority rights claimed therein or corresponding thereto, with all the rights, powers, privileges and advantages in anyway arising from or appertaining thereto, for and during the term or terms of said patents, said patent applications and any future patents issuing from said applications, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if this Assignment had not been made.

ASSIGNOR hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this Assignment upon request by ASSIGNEE, and to have any patent issuing thereon be in the name selected by ASSIGNEE.

IN WITNESS WHEREOF, the ASSIGNOR and ASSIGNEE have caused this Assignment to be duly executed and entered into as of the Effective Date.

**AGA Aktiebolag**

Date: July 4, 2019  
Name: A. A. Reggel  
Alois Reggel  
Title: Senior Counsel IP

**Linde Aktiengesellschaft**

Date: 04.07.2019  
Name: B. Gellner  
Bernd Gellner  
Title: Senior Counsel IP

Date: 12.07.2019  
Name: C. Zahn  
Christoph Zahn  
Title: Senior Counsel IP

*Handwritten signature*

EXHIBIT A

CaseNo	Application Filing No.	Patent No.
98/806_G-US(WO)	09/770223	US 6408639
99/806_G-US(WO)	09/673011	US 6540878
P04179_-US(WO)	10/557564	US 7763117 B2
P04185_-US	11/132463	US 7533874 B1
P06177_-US	11/508730	US 8172567 B2
P06196_-US	11/508746	US 8057221 B2
P09C076-US	12/728502	US 8075303 B2

*Handwritten signature*