

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6756026

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
SHELL OIL COMPANY		05/18/2021
RECEIVING PARTY DATA		
Name:	AIR LIQUIDE ADVANCED TECHNOLOGIES U.S., LLC	
Street Address:	200 GBC DRIVE	
City:	NEWARK	
State/Country:	DELAWARE	
Postal Code:	19702	
PROPERTY NUMBERS Total: 10		
Property Type	Number	
Application Number:	61256097	
Application Number:	12817910	
Application Number:	13930842	
Application Number:	61577949	
Application Number:	13666370	
Application Number:	61884548	
Application Number:	14501884	
Application Number:	15812025	
Application Number:	62457253	
Application Number:	15889670	
CORRESPONDENCE DATA		
Fax Number:	(312)775-8100	
<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>		
Phone:	(312) 775 8000	
Email:	MHMPTO@MCANDREWS-IP.COM	
Correspondent Name:	MCANDREWS HELD & MALLOY, LTD.	
Address Line 1:	500 WEST MADISON STREET	
Address Line 4:	CHICAGO, ILLINOIS 60661	
ATTORNEY DOCKET NUMBER:	04954-83066US01	

NAME OF SUBMITTER:	PETER J. LISH
SIGNATURE:	/Peter J. Lish/
DATE SIGNED:	06/10/2021
Total Attachments: 5 source=2021-06-02 Assignment#page1.tif source=2021-06-02 Assignment#page2.tif source=2021-06-02 Assignment#page3.tif source=2021-06-02 Assignment#page4.tif source=2021-06-02 Assignment#page5.tif	

CONFIRMATION OF ASSIGNMENT OF PATENTS

WHEREAS

SHELL OIL COMPANY

150 N. DAIRY ASHFORD ROAD
HOUSTON, TX 77079, U.S.A.

formerly located at

ONE SHELL PLAZA
HOUSTON, TX 77252-2463, U.S.A.

("the Assignor"), was immediately prior to the assignment described below, a joint owner, together with Georgia Tech Research Corporation, of the entire right, title, and interest in the U.S. patents and U.S. patent applications listed in Exhibit A (collectively "the Patents");

AND WHEREAS pursuant to an Agreement dated as of the 5th day of March, 2021 ("the Agreement") by and between

SHELL GLOBAL SOLUTIONS (US) INC
3333 HIGHWAY 6 SOUTH
HOUSTON, TX 77082-3101, U.S.A.

and

AIR LIQUIDE ADVANCED TECHNOLOGIES U.S., LLC
200 GBC DRIVE
NEWARK, DE 19702, U.S.A.

SHELL GLOBAL SOLUTIONS (US) INC, pursuant to its authority as agent for the Assignor, assigned and transferred to

AIR LIQUIDE ADVANCED TECHNOLOGIES U.S., LLC
200 GBC DRIVE
NEWARK, DE 19702, U.S.A.

("the Assignee"), its ownership interest in, to, and under the Patents;

AND WHEREAS this Confirmation is to provide evidence of the foregoing assignment for recording in the patent offices of those countries or jurisdictions in which patent applications have or may be filed and in which patents in respect thereof have or may be granted;

NOW THEREFORE, this Confirmation witnesses and confirms that pursuant to the Agreement, the Assignor assigned and transferred to the Assignee for valuable consideration, the receipt and sufficiency of which the Assignor hereby acknowledges, its ownership interest in, to, and under the Patents, free and clear of all encumbrances and interests of third parties, including without limitation:

- (a) its ownership interest in, to, and under all U.S. patents granted on or as a result of any patent application included in the Patents and any re-issues or extensions thereof;
- (b) its ownership interest in, to, and under any and all existing or future substitute, divisional, continuation, continuation-in-part, or other U.S. patent applications derived directly or indirectly, either in whole or in part, from any of the patent applications included in the Patents, including its ownership interest in, to and under all patents granted on or as a result of such derivative applications, and any re-issues or extension thereof,
- (c) the right to file patent applications in the United States in respect of the inventions described, claimed and illustrated in the Patents in its own name, and its ownership interest in, to, and under all patents granted on or as a result of such applications and any re-issues or extensions thereof,
- (d) the right to claim available benefits under the International Convention for the Protection of Industrial Property and any like treaties or laws in respect of the Patent and any other patents granted in respect of the patent applications included in the Patents, and
- (e) the right(s) of action and damages for past infringement of any of the Patents to the full extent as that to which the Assignor was entitled immediately prior to the assignment pursuant to the Agreement.

IN WITNESS WHEREOF, the Assignor has caused this Confirmation to be executed by its duly authorized representative effective as of the date of the Agreement identified above.

SHELL OIL COMPANY

By: Barbara J. McCollough

Barbara J. McCollough
Printed Name

Vice President Intellectual Property
Title

May 18, 2021
Date

The Assignee hereby confirms its acceptance of the assignment identified above effective as of the date of the above-identified Agreement.

AIR LIQUIDE ADVANCED TECHNOLOGIES U.S., LLC

By: _____

Printed Name

Title

Date

May 18, 2021
Date

The Assignee hereby confirms its acceptance of the assignment identified above effective as of the date of the above-identified Agreement.

AIR LIQUIDE ADVANCED TECHNOLOGIES U.S., LLC

By Allen E. White

Allen E. White
Printed Name

Chief IP Counsel
Title

2021-May-25
Date

EXHIBIT A

US Patent Applications / US Patents

Attorney Docket No.	Application No.	Application Date	Patent No.	Issue Date
22827US01	61/256,097	October 29, 2009	NA	NA
22827US02	12/817,910	June 17, 2010	8,486,175 B2	July 16, 2013
22827US03	13/930,842	June 28, 2013	8,709,133 B2	April 29, 2014
26895US01	61/577,949	December 20, 2011	NA	NA
26895US02	13/666,370	August 1, 2012	9,211,504 B2	December 15, 2015
26896US01	61/884,548	September 30, 2013	NA	NA
26896US02	14/501,884	September 30, 2014	9,815,030 B2	November 14, 2017
26896US03	15/812,025	November 14, 2017	Pending	Pending
61327US01	62/457,253	February 10, 2017	NA	NA
61327US02	15/889,670	February 6, 2018	10,717,041 B2	July 21, 2020