

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5477167

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	mitsubishi chemical corporation	04/16/2019
RECEIVING PARTY DATA		
Name:	LMS CO., LTD	
Street Address:	53-73, JINWISANDAN-RO, JINWI-MYEON	
City:	PYEONGTAEK-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
PROPERTY NUMBERS Total: 8		
Property Type	Number	
Application Number:	10538008	
Application Number:	12068846	
Application Number:	10564961	
Application Number:	11485443	
Application Number:	10547332	
Application Number:	10519076	
Application Number:	10502931	
Application Number:	10501711	
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	JKL5120589	
NAME OF SUBMITTER:	MICHELLE MOON	
SIGNATURE:	/Michelle Moon/	
DATE SIGNED:	04/16/2019	

Total Attachments: 2

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ASSIGNMENT OF PATENT

WHEREAS MITSUBISHI CHEMICAL CORPORATION, a corporation organized and existing under the laws of Japan, whose post office address is 1-1, Marunouchi 1-Chome Chiyoda-Ku, Tokyo, Japan (hereinafter referred to as ASSIGNOR), is the sole owner, by assignment, of the United States Patent issued Patents (hereinafter "said PATENTS") listed below:

Application Number	Application filing date	Patent Number	Issued Date
10/538008	2003.11.28	US 7578607 B2	2009.08.25
12/068846	2008.02.12	US 7534024 B2	2009.05.19
10/564961	2004.07.12	US 7530719 B2	2009.05.12
11/485443	2006.07.13	US 7401962 B2	2008.07.22
10/547332	2004.03.02	US 7380968 B2	2008.06.03
10/519076	2003.06.24	US 7220038 B2	2007.05.22
10/502931	2003.01.30	US 7153017 B2	2006.12.26
10/501711	2003.01.16	US 7128456 B2	2006.10.31

AND WHEREAS, LMS Co., Ltd, a corporation organized and existing under the laws of Republic of Korea, whose post office address is 53-73, Jinwisandan-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, Korea (hereinafter referred to as the ASSIGNEE), is desirous of acquiring the entire right, title and interest for the United States to said PATENTS and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patents which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof.

NOW THEREFORE, in consideration of the sum of one U.S. dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR hereby assigns, sells, transfers and sets over onto the ASSIGNEE, its assigns and legal representatives, its entire right, title and interest for the United States to said PATENTS and the inventions and improvements disclosed therein, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and in and to any and all divisions, and continuations thereof, and any and all Letters Patents which may be granted thereon, including any and all reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patents when granted, including the terms of any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, the ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patents, and any and all divisions, continuations, reexaminations, reissues, renewals, revalidations, prolongations and/or extensions thereof, respectively, and including all causes of action that may have accrued with respect to said PATENTS, any patent damages from infringement, and any royalties that may be owed and due thereon, and all claims for damages by reason of past infringement of said PATENTS with the right to sue for, and collect the same for the ASSIGNEE's own use, all as fully

and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

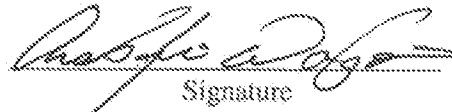
And for the same consideration aforesaid, the ASSIGNOR agrees that the ASSIGNOR will, upon request, without expense to ASSIGNEE, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reexamination, reissue, renewal, revalidations and/or extension applications thereof in the United States, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by the ASSIGNEE, or any assignee thereof, or by counsel for the ASSIGNEE, to assist or enable the ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This Assignment shall be binding upon the ASSIGNOR and the heirs, executors, administrators, successors and/or assigns of the ASSIGNOR, and shall inure to the benefit of the ASSIGNEE and the heirs, executors, administrators, successors, beneficiaries, distributees and/or assigns, as the case may be, of the ASSIGNEE.

IN TESTIMONY WHEREOF, this Assignment is executed by the duly authorized officer of the ASSIGNOR.

Masayuki Waga

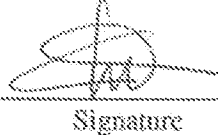
President and Chief Executive Officer
 Printed Name and Title of
 Mitsubishi Chemical Corporation


 Signature

April 16th, 2019

Date

Sungmin Cho CEO
 Printed Name and Title of
 LMS Co., Ltd.


 Signature

04/04/2019

Date