505073854 08/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5120610

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BYUNG HUN CHAE	10/21/2015
SUNG WON JUNG	10/21/2015
JUNG YEOP LEE	10/21/2015
HYUN YUL WOO	10/21/2015
YOUN JIN HONG	10/21/2015

RECEIVING PARTY DATA

Name:	LOTTE CHEMICAL CORPORATION
Street Address:	51, BORAMAE-RO 5-GIL, DONGJAK-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	156-711

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16118803

CORRESPONDENCE DATA

Fax Number: (703)935-8473

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: 571-313-7556
Email: mail@paratus.law

Correspondent Name: PARATUS LAW GROUP, PLLC

Address Line 1: 1765 GREENSBORO STATION PLACE

Address Line 2: SUITE 320

Address Line 4: TYSONS CORNER, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	659-0008A
NAME OF SUBMITTER:	LENNY R. JIANG
SIGNATURE:	/Lenny R. Jiang/
DATE SIGNED:	08/31/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 046766 FRAME: 0203

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Total Attachments: 10 source=03_659-0008A_ExecutedDecandAssignment#page1.tif source=03_659-0008A_ExecutedDecandAssignment#page2.tif source=03_659-0008A_ExecutedDecandAssignment#page3.tif source=03_659-0008A_ExecutedDecandAssignment#page4.tif source=03_659-0008A_ExecutedDecandAssignment#page5.tif source=03_659-0008A_ExecutedDecandAssignment#page6.tif source=03_659-0008A_ExecutedDecandAssignment#page7.tif source=03_659-0008A_ExecutedDecandAssignment#page8.tif source=03_659-0008A_ExecutedDecandAssignment#page9.tif source=03_659-0008A_ExecutedDecandAssignment#page9.tif

PATENT REEL: 046766 FRAME: 0204

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	THERMOPLASTIC RESIN COMPOSITION FOR 3D PRINTER
As the below name	d inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international Application number filed on
The above-identific	d application was made or authorized to be made by me.
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the
51. Boramae-ro 5- ASSIGNEE), is de disclosing the inve	re CHEMICAL CORPORATION , with offices at gil, Dongiak-gu, Seoul 156-711, Republic of Korea (hereinafter referred to as sirous of acquiring all interest in, to and under said invention, said application nation and in, to and under any Letters Patent or similar legal protection which refor in the United States and in any and all foreign countries;
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignce of the whole right, title and interest thereto;	

Paratus Law Group, PLLC 620 Herndan Parkway, Suite 329 Herndan, VA 20170 36t (571) 313-7556 Fax: (783) 935-8473

PATENT REEL: 046766 FRAME: 0205

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

			,	
LEGAL NAME OF INVENTOR				
Inventor: <u>CHAE, Byung Hun</u>		Date:	2015/10/	21
I I	2 /2			

Paratus Law Group, PLLC
670 Heradon Parkway, Suite 330

Herndan, VA 20170 Tel: (571) 313-7556 (Fax: (703) 935-8473

Signature:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the
51, Boramae-ro 5- ASSIGNEE), is de disclosing the inve	te Chemical Corporation , with offices at eii. Dongjak-gu, Seoul 156-711. Republic of Korea (hereinafter referred to as sirous of acquiring all interest in, to and under said invention, said application nation and in, to and under any Letters Patent or similar legal protection which refor in the United States and in any and all foreign countries;
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	

Paratus Law Group, PLLC 620 Heradon Parkway, Suite 320 Heradon, VA 20170 Tel: (578) 313-7556 [Fax: (783) 935-8473

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LEGAL NAME	OFINVENTOR			
Inventor: <u>JU</u>	NG, Sung Won	Date:	2015, 10. 21	······································
Signature:	-1777C			

Paratus Law Group, PLLC
620 Herndon Parkway, Suite 326
Herndon, VA 20170
Tel: (571) 313-7556 (Kaxi (703) 935-8473

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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The above-identifie	ed application was made or authorized to be made by me.
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the
51. Boramae-ro 5- ASSIGNEE), is de disclosing the inve	re CHEMICAL CORPORATION , with offices at gil, Dongjak-gu, Seoul 156-711, Republic of Korea (hereinafter referred to as estrous of acquiring all interest in, to and under said invention, said application ention and in, to and under any Letters Patent or similar legal protection which refor in the United States and in any and all foreign countries;
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industria Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	

Paratus Law Group, PLLC

620 Herndon Parkway, Suite 320 Herndon, VA 20170 Tab (871) 313-7586 | Part (703) 935-8473

PTO/AIA/01 (06-12) (MODIFIED) Attorney Docket No.: 659-0008 Client Ref. No.: FP15-08010/US

2 page / 2 pages

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto:

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR	
Inventor: LEE, Jung Yeop	Date: 2015, 10,21

Paratus Law Group, PLLC

620 Herndon Parkway, Suite 320 Berndon, VA 20170 Tel: (571) 313-7556 [Fax: (703) 935-8473

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The above-identifie	d application was made or authorized to be made by me.
I believe that I am application.	the original inventor or an original joint inventor of a claimed invention in the
51, Boramae-ro 5-p ASSIGNEE), is de- disclosing the inves	E CHEMICAL CORPORATION , with offices at gil. Dongjak-gu, Scoul 156-711, Republic of Korea (hereinafter referred to as sirous of acquiring all interest in, to and under said invention, said application and in, to and under any Letters Patent or similar legal protection which efor in the United States and in any and all foreign countries;
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	

Paratus Law Group, PLLC 620 Herndon Parkway, Suite 326 Herndon, VA 20170 Tel: (\$71) 313-7856 (Pass (703) 998-8473

PATENT REEL: 046766 FRAME: 0211

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LEGAL NAME OF INVENTOR	
Inventor: WOO, Hyun Yul	Date: 2015 10 2-1
Signature: 200, Hywn Ynl	

Paratus Law Group, PLLC

620 Herndon Parkway, Suite 320 Herndon, VA 20170 Tel: (871) 313-7586 [Fax: (703) 935-8473

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П	United States application or PCT international Application number	
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, LOTTE CHEMICAL CORPORATION , with offices at 51, Boramae-ro 5-gil, Dongjak-gu, Seoul 156-711, Republic of Korea (hereinafter referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;		
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEE, as the assignce of the whole right, title and interest thereto;		

Paratus Law Group, PLLC

626 Herndon Parkway, Suite 320 Berndon, VA 28170 Tel: (871) 313-7656 | Fax: (703) 935-8473

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LEGAL NAME OF INVENTOR	
Inventor: HONG, Youn Jin	Date: 2015 / 10 / 21
를 다지 Signature: 호 보고	

Paratus Law Group, PLLC

620 Heradon Parkway, Soite 320 Heradon, VA 20170 Tel: (871) 313-7586 [Far: (703) 935-8473