

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6032672

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSHUA SUNGWOONG YANG	02/24/2020
JAKEYUNG CHON	02/24/2020
IK JUNG CHOI	02/24/2020
HYUN MIN PARK	02/24/2020
JIEUN PARK	02/24/2020
JEONGSUN SEO	03/23/2020
CHANGHOON KIM	03/20/2020
JONG YEON SHIN	03/24/2020
HAN SOL SEO	02/24/2020
JIWON SHIN	02/24/2020
IN HEE HWANG	02/24/2020
SEON HYE SIM	02/24/2020
CHANG WOO CHO	02/24/2020
KYUIN HWANG	03/18/2020
IN SEON KIM	02/24/2020
HYUNG IL LEE	03/24/2020
JUNG HYUN CHO	03/24/2020

RECEIVING PARTY DATA

Name:	MACROGEN, INC.
Street Address:	10F., WORLD MERIDIAN BENCHER CENTER, 254, BEOTKKOT-RO, GEUMCHEON-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	08511
Name:	PSOMAGEN, INC.
Street Address:	HEADQUARTERS, 1330 PICCARD DRIVE, SUITE 103
City:	ROCKVILLE
State/Country:	MARYLAND
Postal Code:	20850

PROPERTY NUMBERS Total: 1

PATENT

Property Type	Number
Application Number:	16830565

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:	432-0204
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NAME OF SUBMITTER:	MIHARU SCULLY
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SIGNATURE:	/Miharu Scully/
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DATE SIGNED:	03/26/2020
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	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 34

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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND
ASSIGNMENT FOR MULTIPLE ASSIGNEES**

**Title of
Invention**

**DNA EXTRACTION METHOD USING MICROWAVE FOR NEXT
GENERATION SEQUENCING AND USE THEREOF**

As the below named 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-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, D MACROGEN, INC., with an office at 10F, World Meridian bencher center, 254, Beotkkot-ro, Geumcheon-gu, Seoul, 08511, Republic of Korea and 2) PSOMAGEN, INC., with an office at Headquarters, 1330 Piccard Drive, Suite 103, Rockville, MD 20850, U.S.A. (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 assignee of the whole right, title and interest thereto;

Paratus Law Group, PLLC

1705 Greenboro Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (571) 313-7958 | Fax: (703) 935-8473

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;

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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: YANG, JOSHUA SUNGWO

Date: Feb. 24, 2020

Signature: 

Paratus Law Group, PLLC

1705 Greensboro Station PL., Suite 320

Tysons Corner, VA 22102

Tel: (571) 533-7866 ; Fax: (703) 938-8473

PATENT

REEL: 052233 FRAME: 0287

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
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LEGAL NAME OF INVENTORInventor: CHON, JAEKYUNGDate: Feb. 24, 2020Signature: **Paratus Law Group, PLLC**1765 Greensboro Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (571) 313-7850 | Fax: (703) 938-8473

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LEGAL NAME OF INVENTOR

Inventor: CHOI, IK JUNG

Date: February 24, 2020

Signature: _____



Paratus Law Group, PLLC

1760 Greenshore Station PL, Suite 320
Tysons Corner, VA 22102
Tel: (571) 343-7586 / Fax: (703) 838-8473

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LEGAL NAME OF INVENTOR

Inventor: PARK, HYUN MIN

Date: February 24, 2020

Signature: 

Paratus Law Group, PLLC
1765 Greenshore Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (877) 313-7556 | Fax: (703) 835-8473

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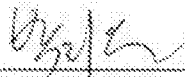
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LEGAL NAME OF INVENTOR

Inventor: PARK, JIEUN

Date: February 24, 2020

Signature: _____



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LEGAL NAME OF INVENTORInventor: SEO, JEONGSUNDate: 2020 Mar 23rdSignature: **Paratus Law Group, PLLC**1760 Greenhoro Station PL, Suite 320
Tysons Corner, VA 22102

Tel: (703) 313-7596 / Fax: (703) 835-8473

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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

1705 Greenboro Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (571) 313-7958 | Fax: (703) 935-8473

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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 INVENTORInventor: KIM, CHANGHOONDate: Nov/20/2020Signature: **Paratus Law Group, PLLC**

1705 Greensboro Station Pl., Suite 320

Tysons Corner, VA 22102

Tel: (571) 313-7850 | Fax: (703) 938-8473

PATENT**REEL: 052233 FRAME: 0299**

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND
ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	DNA EXTRACTION METHOD USING MICROWAVE FOR NEXT GENERATION SEQUENCING AND USE THEREOF
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This declaration
is directed to:

☒ The attached application, or

☐ United States application or PCT international
Application number _____ filed on _____

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LEGAL NAME OF INVENTORInventor: SHIN, JONG YEONDate: 03/24/2020Signature: 

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1765 Greenbore Station Pl., Suite 220
Tyson Corner, VA 22182
Tel: (703) 243-7856 | Fax: (703) 898-8473

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND
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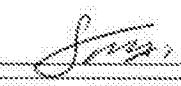
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LEGAL NAME OF INVENTOR

Inventor: SEO, HAN SOL

Date: February, 24, 2020

Signature: 

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1765 Greenbush Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (571) 312-7856 ; Fax: (703) 935-8473

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND
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Invention**

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Tysons Corner, VA 22102
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LEGAL NAME OF INVENTOR

Inventor: SHIN, JIWON

Date: February 24, 2020

Signature: _____



Paratus Law Group, PLLC

1765 Greensboro Station Pl., Suite 320

Tysons Corner, VA 22102

Tel: (571) 313-7850 | Fax: (703) 938-0473

PATENT

REEL: 052233 FRAME: 0305

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND
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Title of Invention	DNA EXTRACTION METHOD USING MICROWAVE FOR NEXT GENERATION SEQUENCING AND USE THEREOF
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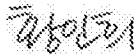
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LEGAL NAME OF INVENTOR

Inventor: HWANG, IN HEE

Date: February 24, 2020

Signature: _____



Paratus Law Group, PLLC

1760 Greensboro Station Pl., Suite 320

Tysons Corner, VA 22102

Tel: (571) 343-7888 / Fax: (703) 938-9473

PATENT

REEL: 052233 FRAME: 0307

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
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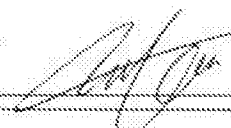
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LEGAL NAME OF INVENTOR

Inventor: SIM, SEON HYE

Date: February 24, 2020

Signature: 

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1760 Greensboro Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (571) 313-7550 / Fax: (703) 838-8473

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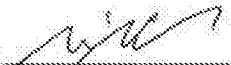
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LEGAL NAME OF INVENTOR

Inventor: CHO, CHANG WOO

Date: February 24, 2020

Signature: 

Paratus Law Group, PLLC
1765 Greenbore Station PL, Suite 320
Tysons Corner, VA 22102
Tel: (571) 313-7556 | Fax: (703) 938-8473

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Tysons Corner, VA 22102

Tel: (571) 313-7556 | Fax: (703) 925-8473

PATENT

REEL: 052233 FRAME: 0312

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 INVENTORInventor: HWANG, KYUINDate: 18 May 2020Signature: 황규인**Paratus Law Group, PLLC**

1765 Greenbush Station Pl., Suite 220
Tyngsboro, MA 01882
Tel: (571) 312-7556 | Fax: (781) 825-8473

PATENT**REEL: 052233 FRAME: 0313**

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND
ASSIGNMENT FOR MULTIPLE ASSIGNEES**

**Title of
Invention**

**DNA EXTRACTION METHOD USING MICROWAVE FOR NEXT
GENERATION SEQUENCING AND USE THEREOF**

As the below named 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-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, D MACROGEN, INC., with an office at 10F, World Meridian bencher center, 254, Beotkkot-ro, Geumcheon-gu, Seoul, 08511, Republic of Korea and 2) PSOMAGEN, INC., with an office at Headquarters, 1330 Piccard Drive, Suite 103, Rockville, MD 20850, U.S.A. (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 assignee of the whole right, title and interest thereto;

Paratus Law Group, PLLC

1705 Greenboro Station Pl., Suite 320
Tysons Corner, VA 22102
Tel: (571) 313-7958 | Fax: (703) 935-8473

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LEGAL NAME OF INVENTOR

Inventor: KIM, IN SEON

Date: Feb 24, 2020

Signature: Kim Inseon

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LEGAL NAME OF INVENTORInventor: LEE, HYUNG ILDate: 24 Nov 2020Signature: **Paratus Law Group, PLLC**1765 Greensboro Station Pl., Suite 320
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Title of Invention	DNA EXTRACTION METHOD USING MICROWAVE FOR NEXT GENERATION SEQUENCING AND USE THEREOF
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LEGAL NAME OF INVENTOR

Inventor: CHO, JUNG HYUN

Date: 24. Mar. 2020.

Signature: 

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