



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 1, 2020

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WENDY TOKMAKIDIS
NEW YORK, NY 10281-1047

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ASSIGNOR:

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DOC DATE: 05/07/2020

ASSIGNOR:

MARUTHACHALAM, BHARATHIKUMAR
VELLALORE

DOC DATE: 05/08/2020

ASSIGNOR:

ZWOLAK, ADAM

DOC DATE: 05/07/2020

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GEIST, BRIAN

DOC DATE: 05/12/2020

ASSIGNOR:

LIN-SCHMIDT, XIEFAN

DOC DATE: 05/13/2020

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VENKATARAMANI, SATHYADEVI

DOC DATE: 05/08/2020

ASSIGNOR:

SINGH, SANJAYA

DOC DATE: 05/11/2020

ASSIGNEE:

JANSSEN BIOTECH, INC.
800/850 RIDGEVIEW DRIVE
HORSHAM, PENNSYLVANIA 19044

APPLICATION NUMBER: 62940208

FILING DATE: 11/25/2019

PATENT NUMBER:

ISSUE DATE:

TITLE: MATERIALS AND METHODS FOR IDENTIFYING ANATOMICAL
MICROARCHITECTURE

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6130044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAJKUMAR GANESAN	05/07/2020
BHARATHIKUMAR VELLALORE MARUTHACHALAM	05/08/2020
ADAM ZWOLAK	05/07/2020
BRIAN GEIST	05/12/2020
XIEFAN LIN-SCHMIDT	05/13/2020
SATHYADEVI VENKATARAMANI	05/08/2020
SANJAYA SINGH	05/11/2020
RECEIVING PARTY DATA	
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City:	HORSHAM
State/Country:	PENNSYLVANIA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	62940208
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	14620-016-888
NAME OF SUBMITTER:	LAUREN PETERSON
SIGNATURE:	/Lauren Peterson/
DATE SIGNED:	05/29/2020

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: Materials and Methods for Identifying Anatomical Microarchitecture

This declaration and assignment is directed to:

☐ The attached or filed herewith application of (list of named inventors) _____,

or

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number 62/940,208 filed on November 25, 2019.

Declaration

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Assignment

JANSSEN BIOTECH, INC.
800/850 Ridgeview Drive, Horsham, PA 19044

A corporation of the state or country of Pennsylvania
(hereinafter designated as the "Assignee"),

☐ I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

or

☒ For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee, such assignment being made effective as of November 25, 2019:

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR

**Rajkumar
Ganesan**

Digitally signed by Rajkumar Ganesan
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email=rganesa3@its.jnj.com, c=US
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document.
Date: 2020.05.07 13:09:27 -04'00'

Signature **Rajkumar Ganesan**

Date

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LEGAL NAME OF INVENTOR

Bharathikumar Vellalore
Maruthachalam

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Date: 2020.08.14 21:07:00Z
Adobe Reader version 11.0.0

05/08/2020

Signature **Bharathikumar Vellalore Maruthachalam**

Date

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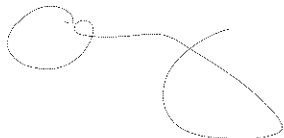
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LEGAL NAME OF INVENTOR



Signature **Adam Zwolak**

2020/05/07

Date

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LEGAL NAME OF INVENTOR

BRIAN GEIST

Digitally signed by BRIAN GEIST
DN: c=US, o=JNJ, ou=Subscribers, cn=BRIAN GEIST, 0.9.2342.19200300.100.1.1=339798
Reason: I agree to the terms defined by the placement of my signature on this document.
Date: 2020.05.12 19:45:10 -04'00'
Adobe Acrobat version: 11.0.20

Signature **Brian Geist**

Date

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Xiefan Lin-Schmidt
Digitally signed by Xiefan Lin-Schmidt
DN: cn=Xiefan Lin-Schmidt, o=Lin-Schmidt, ou=Schmidt, email=Xiefan.Lin-Schmidt@lin-schmidt.com
Reason I attest to the accuracy and integrity of this document:
Date: 2020.05.13 16:18:10 -0400
Adobe Acrobat version 11.0.20

2020-05-13

Signature **Xiefan Lin-Schmidt**

Date

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or

☒ For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee, such assignment being made effective as of November 25, 2019:

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR

Sathya Venkataramani

May 8, 2020

Signature **Sathyadevi Venkataramani**

Date

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: Materials and Methods for Identifying Anatomical Microarchitecture

This declaration and assignment is directed to:

☐ The attached or filed herewith application of (list of named inventors) _____,

or

☒ The United States application or PCT international application
number 62/940,208 filed on November 25, 2019.

Declaration

As the below named inventor, I hereby declare that:

The above-identified application ("Application") was made or authorized by me.

I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.

I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.

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 for filings of this Application in the United States of America.

Assignment

JANSSEN BIOTECH, INC.
800/850 Ridgeview Drive, Horsham, PA 19044

A corporation of the state or country of Pennsylvania
(hereinafter designated as the "Assignee"),

☐ I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

or

☒ For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee, such assignment being made effective as of November 25, 2019:

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

LEGAL NAME OF INVENTOR

Sanjaya Singh

Signature **Sanjaya Singh**

May 11, 2020

Date