

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7149258

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
GHASSAN S. KASSAB	06/16/2021
ALI DABIRI	06/16/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	3DT HOLDINGS, LLC
<b>Street Address:</b>	11107 ROSELLE STREET
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121

**PROPERTY NUMBERS Total: 28**

Property Type	Number
Application Number:	62353225
Application Number:	62409694
Application Number:	15630643
Application Number:	62594923
Application Number:	16211031
Application Number:	62661284
Application Number:	62673192
Application Number:	16391614
Application Number:	62675398
Application Number:	16421404
Application Number:	62693367
Application Number:	62701073
Application Number:	62799159
Application Number:	16502005
Application Number:	62700105
Application Number:	16516230
Application Number:	62723325
Application Number:	16530990
Application Number:	62945614

PATENT

Property Type	Number
Application Number:	17116566
Application Number:	62972624
Application Number:	17172235
Application Number:	62990427
Application Number:	63008521
Application Number:	17202433
Application Number:	63025215
Application Number:	17202449
Application Number:	63050150

**CORRESPONDENCE DATA**

**Fax Number:** (317)454-1349  
*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:** 3179666835  
**Email:** docket@rsindy.com  
**Correspondent Name:** MARK C. REICHEL, REICHEL STORHY DEAN LLP  
**Address Line 1:** 212 WEST 10TH STREET, SUITE A-285  
**Address Line 4:** INDIANAPOLIS, INDIANA 46202

<b>ATTORNEY DOCKET NUMBER:</b>	3DT (GSK AND AD)
<b>NAME OF SUBMITTER:</b>	MARK C. REICHEL
<b>SIGNATURE:</b>	/Mark C. Reichel/
<b>DATE SIGNED:</b>	01/31/2022

**Total Attachments: 7**  
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## PATENT ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment") is entered into as of this 16th day of June, 2021 (the "Effective Date") by and among Ghassan S. Kassab, an individual having a principal address at 2505 Hidden Valley Place, La Jolla, CA 92037 ("GSK"), Ali Dabiri, an individual having a principal address at 5656 Caminito Estima, La Jolla California 92037 ("AD"), and 3DT Holdings, LLC, a limited liability company having a principal address at 11107 Roselle Street, San Diego, CA 92121 ("3DT"). GSK, AD, and 3DT may be individually referred to herein as a "Party" or collectively referred to herein as the "Parties."

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Assignment of Patents and/or Patent Applications. GSK and AD (collectively the "Assignors") each hereby irrevocably assign, transfer, and convey to 3DT all of their respective right, title, and interest in, to, and under the inventions and patent applications and/or patents set forth in EXHIBIT A attached hereto and hereby incorporated by reference herein, including, without limitation, (i) all inventions and improvements disclosed therein, (ii) all letters patent or similar legal protection granted therefor in the United States, its territorial possessions, and in all foreign countries, unions, or regions, (iii) all continuations, divisions, continuations-in-part, substitutions, reissues, renewals, substitutes, and extensions thereof and applications therefor, in the United States and its territorial possessions and in all foreign countries, unions, or regions, (iv) any and all patents and patent applications that claim priority to any of the foregoing, (v) any and all rights to claim priority to any of said patent applications referenced herein, and (vi) all rights to enforce including, but not limited to, the right to sue and collect damages for any past or future infringements throughout the world (the "Assigned Patents"). 3DT hereby confirms and accepts the assignment, transfer, and conveyance to it of all rights, titles, and interests in the Assigned Patents from the Assignors.

2. Filing and Recording Instruments of Transfer. 3DT, at its sole discretion, shall make all filings with the requisite intellectual property offices in order to confirm, effectuate, or record this Assignment of the Assigned Patents to 3DT granted herein. 3DT shall be responsible to file and record any and all documents of conveyance as may be necessary to vest in 3DT, as a matter of public record, all of the Assigned Patents.

3. Appointment. The Assignors hereby constitute and appoint 3DT, and its successors and assigns, the true and lawful attorney or attorneys in fact of the Assignors, with the full power of substitution, for it and in its name and stead or otherwise, to institute and prosecute from time to time, any proceedings at law, in equity, or otherwise, that 3DT, or its successors or assigns, may reasonably deem proper in order to assert or enforce any claim, right, or title of any kind in and to the Assigned Patents, and to defend and compromise any and all actions, suits, or proceedings, in respect to any of the foregoing, and generally to do any and all such acts and things in relation thereto as 3DT, or its successors or assigns, shall reasonably deem advisable, including, but not limited to, the execution and delivery of any and all assignments and

instruments in furtherance hereof. The Assignors declare that the appointment hereby made and the powers hereby granted are coupled with an interest and shall be irrevocable by the Assignors.

4. Miscellaneous. This Assignment shall inure to the benefit of, and be binding upon, the Parties hereto and their respective successors and assigns. This Assignment may be executed in multiple counterparts, each of which shall be deemed an original and together shall constitute one in the same instrument. Facsimile copies of any signature to this Assignment shall be deemed an original signature hereto.

IN WITNESS WHEREOF, the Parties have executed this Assignment as of the Effective Date.

"GSK"

"AD"

GHASSAN S. KASSAB

ALI DABIRI

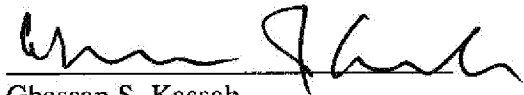


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"CVD"

CVDEVICES, LLC



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Ghassan S. Kassab  
Manager

instruments in furtherance hereof. The Assignors declare that the appointment hereby made and the powers hereby granted are coupled with an interest and shall be irrevocable by the Assignors.

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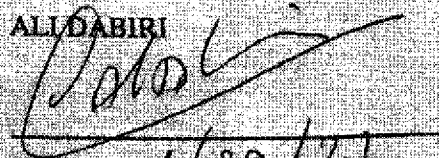
"GSK"

GHASSAN S. KASSAB



"AD"

ALI DABIRI

  
6/29/21

"3DT"

3DT HOLDINGS, LLC



Ghassan S. Kassab  
Manager

**EXHIBIT A**

**METHOD AND APPARATUS FOR NON-INVASIVE INTERNAL HEMORRHAGE  
DETECTION USING AN ALL FIBER PORTABLE TERAHERTZ IMAGING SYSTEM  
(PTIS)**

U.S. Serial No.: **62/353,225**  
Filed: June 22, 2016  
Our Ref. No.: R2016-10-US

**METHOD AND APPARATUS FOR EARLY DETECTION OF ALZHEIMER'S THROUGH  
EYE CORNEA/AQUEOUS HUMOR USING AN ALL FIBER PORTABLE TERAHERTZ  
IMAGING SYSTEM (PTIS)**

U.S. Serial No.: **62/409,694**  
Filed: October 18, 2016  
Our Ref. No.: R2016-10-US-02

**METHOD AND APPARATUS FOR NON-INVASIVE CONDITION DETECTION USING  
AN ALL FIBER PORTABLE TERAHERTZ IMAGING SYSTEM**

U.S. Serial No.: **15/630,643**  
Filed: June 22, 2017  
Our Ref. No.: R2016-10-US-03

**POINT OF INJURY DEVICE TO STABILIZE INTRACRANIAL PRESSURE AND METHOD  
OF STABILIZATION**

U.S. Serial No.: **62/594,923**  
Filed: December 5, 2017  
Our Ref. No.: T2017-02-US

**POINT OF INJURY DEVICE TO STABILIZE INTRACRANIAL PRESSURE AND METHOD  
OF STABILIZATION**

U.S. Serial No.: **16/211,031**  
Filed: December 5, 2018  
Our Ref. No.: T2017-02-US-02

**STROKE DIAGNOSTIC METHOD AND DEVICE**

U.S. Serial No.: **62/661,284**  
Filed: April 23, 2018  
Our Ref. No.: R2018-09-US

**STROKE AND CONCUSSION DIAGNOSTIC METHOD AND DEVICE**

U.S. Serial No.: **62/673,192**  
Filed: May 18, 2018  
Our Ref. No.: R2018-09-US-02

**STROKE, CONCUSSION, AND COGNITIVE DYSFUNCTION DIAGNOSTIC METHOD AND DEVICE**

U.S. Serial No.: **16/391,614**  
Filed: April 23, 2019  
Our Ref. No.: R2018-09-US-03

**DEVICES, SYSTEMS, AND METHODS FOR TREATMENT OF SLEEP APNEA**

U.S. Serial No.: **62/675,398**  
Filed: May 23, 2018  
Our Ref. No.: R2018-12-US

**DEVICES, SYSTEMS, AND METHODS FOR TREATMENT OF SLEEP APNEA**

U.S. Serial No.: **16/421,404**  
Filed: May 23, 2019  
Our Ref. No.: R2018-12-US-02

**NON-INVASIVE/ MINIMALLY INVASIVE DETECTION OF SERUM/BLOOD IRON IN REAL TIME**

U.S. Serial No.: **62/693,367**  
Filed: July 2, 2018  
Our Ref. No.: R2018-14-US-02-A

**NON-INVASIVE/ MINIMALLY INVASIVE DETECTION OF SERUM/BLOOD IRON IN REAL TIME**

U.S. Serial No.: **62/701,073**  
Filed: July 20, 2018  
Our Ref. No.: R2018-14-US-03-A

**NON-INVASIVE/ MINIMALLY INVASIVE DETECTION OF SERUM/BLOOD IRON IN REAL TIME**

U.S. Serial No.: **62/799,159**  
Filed: January 31, 2019  
Our Ref. No.: R2018-14-US-04

**NON-INVASIVE AND MINIMALLY-INVASIVE DETECTION OF SERUM IRON IN REAL TIME**

U.S. Serial No.: **16/502,005**  
Filed: July 2, 2019  
Our Ref. No.: R2018-14-US-05

**METHODS FOR REMOVING CALCIUM FROM PERIPHERAL ARTERY VESSELS**

U.S. Serial No.: **62/700,105**  
Filed: July 18, 2018  
Our Ref. No.: R2018-17-US

**METHODS FOR REMOVING CALCIUM FROM PERIPHERAL ARTERY VESSELS**

U.S. Serial No.: **16/516,230**  
Filed: July 18, 2019  
Our Ref. No.: R2018-17-US-02

**DEVICES, METHODS, AND SYSTEMS FOR THE TREATMENT OF NOCTURIA**

U.S. Serial No.: **62/723,325**  
Filed: August 27, 2018  
Our Ref. No.: R2018-23-US

**PORTABLE URINAL SYSTEMS, DEVICES, AND METHODS TO USE THE SAME**

U.S. Serial No.: **16/530,990**  
Filed: August 2, 2019  
Our Ref. No.: R2018-23-US-02

**WEARABLE DEVICE TO SCREEN OPIOID INTOXICATION**

U.S. Serial No.: **62/945,614**  
Filed: December 9, 2029  
Our Ref. No.: R2019-93-US

**WEARABLE DEVICE TO SCREEN OPIOID INTOXICATION**

U.S. Serial No.: **17/116,566**  
Filed: December 9, 2020  
Our Ref. No.: R2019-93-US-02

**WEARABLE CANNABIDIOL (CBD) DEVICE FOR PAIN MANAGEMENT AND OTHER APPLICATIONS**

U.S. Serial No.: **62/972,624**  
Filed: February 10, 2020  
Our Ref. No.: T2020-03-US

**WEARABLE LIPOSOMAL CANNABIDIOL TRANSDERMAL PATCH**

U.S. Serial No.: **17/172,235**  
Filed: February 10, 2021  
Our Ref. No.: T2020-03-US-02

**DEVICES, SYSTEMS, AND METHODS TO KILL CORONAVIRUS IN THE LUNG USING ULTRAVIOLET LIGHT**

U.S. Serial No.: **62/990,427**  
Filed: March 16, 2020  
Our Ref. No.: R2020-13-US

**APPLICATION OF UV/FIR TO COMBAT COVID-19 IN THE RESPIRATORY TRACT**

U.S. Serial No.: **63/008,521**  
Filed: April 10, 2020  
Our Ref. No.: R2020-13-US-02



APPLICATION OF UV/FIR TO TREAT INFECTIONS IN THE RESPIRATORY TRACT

U.S. Serial No.: **17/202,433**  
Filed: March 16, 2021  
Our Ref. No.: R2020-13-US-04

APPLICATION OF NANOPARTICLES TO COMBAT COVID-19 IN THE RESPIRATORY TRACT

U.S. Serial No.: **63/025,215**  
Filed: May 11, 2021  
Our Ref. No.: R2020-13-US-03

APPLICATION OF NANOPARTICLES TO TREAT INFECTIONS IN THE RESPIRATORY TRACT

U.S. Serial No.: **17/202,449**  
Filed: March 16, 2021  
Our Ref. No.: R2020-13-US-05

NOVEL GLUE FOR EMBOLIZATION OF LYMPHATIC LEAKAGE

U.S. Serial No.: **63/050,150**  
Filed: July 10, 2020  
Our Ref. No.: R2020-35-US