#### 507211073 04/01/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7257923

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEC DIAZ-ARIAS	03/16/2022
MITCHELL MESSMORE	03/15/2022
DIMITRY SHIN	03/14/2022
JOHN RACHID	03/15/2022
JEAN ROBILLARD	03/16/2022

#### **RECEIVING PARTY DATA**

Name:	INSEER, INC.
Street Address:	3701 WHITETAIL COURT NE
City:	IOWA CITY
State/Country:	IOWA
Postal Code:	52240

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	17473526
Application Number:	63077335

#### **CORRESPONDENCE DATA**

Fax Number: (678)420-9301

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: 6784209300

Email: delees@ballardspahr.com **Correspondent Name: BALLARD SPAHR LLP** Address Line 1: 999 PEACHTREE STREET Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	21087.0110U2
NAME OF SUBMITTER:	MATTHEW J. LITTLEFIELD
SIGNATURE:	/Matthew J. Littlefield/
DATE SIGNED:	04/01/2022

**Total Attachments: 9** 



## Attorney Docket No. INSR-004/01US 344641-2008 Attorney Docket No. INSR-004/01WO 344641-2009

### ASSIGNMENT

Alec DIAZ-ARIAS, residing at 2010 Chapel Ridge Rd, Columbia, MO 65203; Mitchell MESSMORE, residing at 1812 Algonquin Rd, Iowa City, IA 52245; Dimitry SHIN, residing at 5008 Brookthorn Ct, Columbia, MO 65203; John RACHID, residing at 1121 S Gilbert St, Unit 307, Iowa City, IA 52240; and Jean ROBILLARD, residing at 3701 Whitetail Ct NE, Iowa City, IA 52240 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled Methods and Apparatus For Machine Learning To Analyze Musculo-Skeletal Rehabilitation From Images, and which is a:

(1)	provisional application
	(a)to be filed herewith; or
	(b) bearing Application No., and filed on;
(2)	x non-provisional application
	(a) to be filed herewith; or
	(b) x bearing Application No. 17/473,526, and filed on September 13, 2021 and/or
(3)	x PCT application
	(a) x bearing Application No. PCT/US2021/049876, and filed on September 10, 2021.
(4)	attached hereto.

wherein the above application(s) claim(s) priority to:

Country	Application No.	Application filing date
US	62/202,298	June 4, 2021
US	63/077,335	September 11, 2020

WHEREAS, INSEER, Inc., a corporation having its principal place of business at 3701 Whitetail Court NE, Iowa City, IA 52240, (the "Assignee"), its successors, legal

265149344 v1

representatives and assigns, is desirous of acquiring the Assignors' entire right, title, and interest in: the Invention(s); the application(s) for patent and/or registered design identified above; the right to file applications for patent and/or registered design of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) and/or registered design(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that an Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if an Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of said prior agreement, each Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent and/or registered design of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;
- (d) any application(s) for patent and/or registered design of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent and/or registered design of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent and/or registered design claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent and/or registered design identified in the preceding paragraphs (b)-(e) and of any and all patent(s) and/or registered design(s) granted based thereon in the United States and in all other countries; and
- (g) any patent(s) and/or registered design(s) of the United States or other countries that may be granted for or on any application for patent and/or registered

265149344 vt

design(s) identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s) and/or registered design(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

Each Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the Assignor's entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents. Each Assignor also hereby represents that, except for said prior agreement, if applicable, the Assignor has not previously sold, transferred, or encumbered any part of Assignor's right, title, and interest in the Invention(s).

Each Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), said registered design(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, Inter partes reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

Each Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

Each Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the use and behalf of the Assignee, its successors, legal representatives, and assigns.

Assignor(s) and Assignee(s) understand that electronic signatures are acceptable and that, by signing electronically, signatories agree to the use of electronic signatures.

265149344 v1

# Page 4 of 9 Attorney Docket No. INSR-004/01US 344641 2008 Attorney Docket No. INSR-004/01WO 344641 2009

Date:	Alec Diaz-Arias
A notary public or other officer completing to individual who signed the document to whic truthfulness, accuracy, or validity of that doc	his certificate verifies only the identity of the h this certificate is attached, and not the sument
State of	
County of	) 55. )
subscribed to the within instrument and acknowledge in his/her/their authorized capacity(ies), and the person(s), or the entity upon behalf of where the person of the capacity of the person	Notary  Alec Diaz-Arias , who  lence, to be the person(s) whose name(s) is/are owledged to me that he/she/they executed the same that by his/her/their signature(s) on the instrument sich the person(s) acted, executed the instrument. IN CALIFORNIA: I certify under PENALTY OF ifornia that the foregoing paragraph is true and
WITNESS my hand and official seal	
Signature of Notary Patric	Place Notary Seal Above
My Compission Expres	

....

Sc **PATENT** 

**REEL: 059467 FRAME: 0887** 

Page 5 of 9
Attorney Docket No. INSR-004/01US 344641-2008
Attorney Docket No. INSR-004/01WO 344641-2009

Date: <u>03-15-</u>	<u> 2027                                      </u>	By:	Mitchell	Messon	4.928
		•		ell Messmore	
A notary public or of individual who signe truthfulness, accurac	w me norminent to	wnien in	ie contituació in alla	only the iden sched, and no	ntity of the
State of		}			
County of		) 	\$8.		
On	, before me,				, Notary
Public, personally ap proved to me on the I subscribed to the with in his/her/their author the person(s), or the & REQUIRED SENTE PERJURY under the correct.	pasis of satisfactory nin instrument and rized capacity(ies), entity upon behalf of NCE IF NOTARIZ	acknowled and that of which the	by his/her/their sign the person(s) acted	e(s) whose nance/she/they executed the execu	me(s) is/are ecuted the same the instrument se instrument.
WITNESS my hand a	and official scal.				
Signature of Notary P	ublic	······································	— Plac	ce Notary Sea	ıl Above
My Commission Expi	res:				

265149344 v1

Page 6 of 9
Attorney Docket No. INSR-004/01US 344641-2008
Attorney Docket No. INSR-004/01WO 344641-2009

Date: 03.14.2022	By: Dimitry Shin	
A notary public or other officer com individual who signed the document truthfulness, accuracy, or validity of	pleting this certificate verifies only the i to which this certificate is attached, and that document.	identity of the I not the
State of	) \$8. )	
On, before me,		, Notary
in his/her/their authorized capacity(in the person(s), or the entity upon behave REQUIRED SENTENCE IF NOTAL	Dimitry Shin tory evidence, to be the person(s) whose and acknowledged to me that he/she/theyes), and that by his/her/their signature(s) alf of which the person(s) acted, execute RIZED IN CALIFORNIA: I certify und te of California that the foregoing paragi	y executed the same ) on the instrument ed the instrument.
WITNESS my hand and official seal	•	
Signature of Notary Public	Place Notary	Seal Above
My Commission Evnirac		

Attorney Docket No. INSR-004/01US 344641-2008 Attorney Docket No. INSR-004/01WO 344641-2009

Date: 3/19/2022	Ву:	J.	
	<b></b>	John	Rachid
A notary public or other officer complet individual who signed the document to v truthfulness, accuracy, or validity of that	annich th	to married and a necest	ly the identity of the ed, and not the
State of	}		
County of		SS.	
On, before me,			Th F a singurary
Public, personally appeared		John Rachid	, Notary
proved to me on the basis of satisfactory subscribed to the within instrument and a in his/her/their authorized capacity(ies), a the person(s), or the entity upon behalf or REQUIRED SENTENCE IF NOTARIZE PERJURY under the laws of the State of correct.	acknowi and that f which FD IN C	edged to me that he/s by his/her/their signa the person(s) acted, e	he/they executed the same sture(s) on the instrument executed the instrument.
WITNESS my hand and official seal.			
Signature of Notary Public		Place 1	Notary Seal Above
My Commission Expires:			

265149344 v1

Attorney Docket No. INSR-004/01US 344641-2008 Attorney Docket No. INSR-004/01WO 344641-2009

	By: Jean Robillard
A notary public or other officer completing individual who signed the document to which truthfulness, accuracy, or validity of that do	this/certificate verifies only the identity of the ch this certificate is attached, and not the cument.
State of	) ) ss. )
in his/her/their authorized capacity(ies), and the person(s), or the entity upon behalf of will REQUIRED SENTENCE IF NOTABIZED	, Notary  Jean Robillard , who dence, to be the person(s) whose name(s) is/are nowledged to me that he/she/they executed the same that by his/her/their signature(s) on the instrument nich the person(s) acted, executed the instrument. IN CALIFORNIA: I certify under PENALTY OF lifornia that the foregoing paragraph is true and
WITNESS my hand and official seal.	
Signature of Notary Public	Place Notary Seal Above
My Commission Expires:	

285149344 v1

Page 9 of 9

Attorney Docket No. INSR-004/01US 344641-2008 Attorney Docket No. INSR-004/01WO 344641-2009

For and on behalf of ASSIGNEE:	
Date: 3/16/2022 By:	L Cullate
/ /	Name: OFAM Robilino
. /	Title: Exercise Comic
	Company: INSEER, Inc.
A notary public or other officer completing this ce	rtificate verifies only the identity of the
individual who signed the document to which this truthfulness, accuracy, or validity of that documen	Appropriate and a second of the second of th
y south of valuary of that documen	Į.
State of	
) 8	
County of	•
On bafore ma	
, octore me,	
Public, personally appeared	, Notary , who
Public, personally appeared proved to me on the basis of satisfactory avidences	, who
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that he	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CA	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CA	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CAPERJURY under the laws of the State of California correct.	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CA	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CAPERJURY under the laws of the State of California correct.	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CAPERJURY under the laws of the State of California correct.  WITNESS my hand and official seal.	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CAPERJURY under the laws of the State of California correct.	to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same whis/her/their signature(s) on the instrument e person(s) acted, executed the instrument. LIFORNIA: I certify under PENALTY OF a that the foregoing paragraph is true and
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CAPERJURY under the laws of the State of California correct.  WITNESS my hand and official seal.	, who to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same y his/her/their signature(s) on the instrument e person(s) acted, executed the instrument.
Public, personally appeared proved to me on the basis of satisfactory evidence, subscribed to the within instrument and acknowled in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the REQUIRED SENTENCE IF NOTARIZED IN CAPERJURY under the laws of the State of California correct.  WITNESS my hand and official seal.	to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same whis/her/their signature(s) on the instrument e person(s) acted, executed the instrument.  LIFORNIA: I certify under PENALTY OF a that the foregoing paragraph is true and  Place Notary Seal Above

265149344 vt