507062711 01/07/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7109548

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARED GORDON STRUCK	04/09/2021
ROBERT CLINT BOYD	04/09/2021
DANE MATTHEW JOHANNESSEN	04/09/2021
JENNIFER ANNE MOORE	04/09/2021
BRYAN D. MILZ	03/26/2021
CHOLL KIM	01/06/2022
ALEX MOHIT	11/24/2020
YASHAR JAVIDAN	11/24/2020

RECEIVING PARTY DATA

Name:	K2M, INC.
Street Address:	600 HOPE PARKWAY SE
City:	LEESBURG
State/Country:	VIRGINIA
Postal Code:	20175

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17019912

CORRESPONDENCE DATA

Fax Number: (908)654-7866

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: (908) 654-5000

Email: assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 20 COMMERCE DR.

Address Line 4: CRANFORD, NEW JERSEY 07016

ATTORNEY DOCKET NUMBER:	SPINE 3.0F-1075
NAME OF SUBMITTER:	LIZ SEMON
SIGNATURE:	/Liz Semon/

PATENT 507062711 REEL: 058578 FRAME: 0343

DATE SIGNED:	01/07/2022
Total Attachments: 8	
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AN APPLICATION DATA SHEET			
Attorney, Docket No.	SPINE 3.0F-1075		
Title of the Invention ("Invention")	3D Printed Cervical Standalone Implant		
Legal Name of Inventor/Assignor ("inventor/Assignor")	Jared Gordon Struck		
Assignee ("Assignee")	K2M, Inc., incorporated in Delaware and having a place of business at 600 Hope Parkway SE; Leesburg, Virginia 20175		
A company of the same of the s	DECLARATION		
As named inventor, I hereby declare that (i) this declaration is directed to:	ii		
The attached Appli	cation		
x United States Appl	ication Number or PCT International Application Number 17/019.912		
(ii) the above-identified Application	ber 14, 2020 n is/was made or authorized to be made by me;		
(iv) I hereby acknowledge that any	ntor or an original joint inventor of a claimed invention in the above-identified Application; and y willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not		
	sign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the		
Application; NOW, THEREFORE, for good	f and valuable consideration, the receipt and adequacy of which are hereby acknowledged. Assignor hereby sells,		
assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement with the right to use for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting thereform to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do			
contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."			
ASSIGNOR	ASSIGNEE Col Millers Control of the Control of		
By: / Gased Struck/ Printed: Jared Struck	By: Services Sold Millets		
Title: Development Engine	F.1318QU		
Date: 12/22/2020	Cer Title: IP Agent Date: 09 April 2021		
WITNESS	WITNESS		
By: /Rebecca Struck/	By:		
Printed: Rebecca Struck	Printed: Angle Cooke		
Title: N/A	Title; Sr. RD Coordinator		
Date: 12/22/2020	Date: 4/9/2021		

Attorney, Docket No.	SPINE 3.0F-1075			
Title of the Invention ("Invention")	3D Printed Cervical Standalone Implant			
Legal Name of Inventor/Assignor ("Inventor/Assignor")	Robert Clint Boyd			
Assignee ("Assignee")	K2M, Inc. , incorporated in Delaware and 20175	having a place of	of business at 600 Hope Parkway SE; Leesburg, Virginia	
	DECLARATI	<u>ON</u>		
(i) this declaration is directed to: The attached Applic OR X United States Applic filed on September (ii) the above-identified Application (iii) I believe I am the original inventor.	The attached Application OR X United States Application Number or PCT International Application Number filed on September 14, 2020 ii) the above-identified Application is/was made or authorized to be made by me; I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified Application; and			
WHEREAS, Assignor wishes to ass	sign to Assignee, and Assignee wishes	to acquire, the e	entire right, title, and interest to the Invention and the	
WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the Application; NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and aleatents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its rown use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are nereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives				
contents of the application, including clair in 1.56."	ms and is aware of the duty to disclose to	the Office all info	n unless the person has reviewed and understands the ormation known to be material to patentability as defined	
ASSIGNOR	nu	SIGNEE /Toel Millets/	Epiconolado agono ny vicos	
	Ву	` `	Solden i gener tre cumen Der gest der reter ster	
Printed: Robert Clinton Boyd Jr.	***************************************	nted: <u>Joel M</u>		
Title: Staff Engineer Date: 11/30/2020		le: IP Age te: 09 April 20		
WITNESS		TNESS		
By: /Kelsing/	Ву	. Was	Boardwinds requestly strate Control Control Control Control Control	
Printed: Kelsey Boyd	•	nted: Angie		
Title: Producer) Coordinator	
Date: 11/30/2020		te: 4/9/20		

	AN AFF CIGATION D	P(A Uttub)	
Attorney, Docket No.	SPINE 3.0F-1075		
Title of the Invention ("Invention")	3D Printed Cervical Standalone Implant		
Legal Name of Inventor/Assignor ("Inventor/Assignor")	Dane Matthew Johannessen		
Assignee ("Assignee")	K2M, Inc. , incorporated in Delaware and 20175.	t having a place of business at 600 Hope Parkway SE; Leesburg, Virgin	nia
	DECLARATIO	<u>ion</u>	
As named inventor, I hereby declare that: (i) this declaration is directed to:			
The attached Applic	cation		
× United States Appli	cation Number or PCT International Applica	cation Number <u>17/019,912</u>	
	<u>per 14, 2020</u> p is/was made or authorized to be made by	A DOG	
		d invention in the above-identified Application; and	
(iv) I hereby acknowledge that any more than five (5) years, or both.	willful false statement made in this declar	eration is punishable under 18 U.S.C. 1001 by fine or imprisonment of r	not
WHEREAS, Assignor wishes to ass Application;	sign to Assignee, and Assignee wishes t	to acquire, the entire right, title, and interest to the Invention and t	he
NOW, THEREPORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, issigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and attents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit rom the priority of such applications and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its win use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of valents and Trademarks and the Patent Office officials in foreign countries as are are every authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and he Assignor does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, essay and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its epresentatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involve			
in 1.56." ASSIGNOR	AS	SSIGNEE	
By:/Dane Johannessen/	Ву:	Construction of the Constr	
Printed: Dane Johannessen		inted: Joel Millets	
Title: Project Engineer	Title		
Date: 11/02/2020	Dat	00.4 - 3.003	
WITNESS	win	TNESS	
By: /Keith Fava/	Die	Maria Commence de la compansa del compansa de la compansa del compansa de la compansa del la compansa de la com	
Printed: Keith Fava		inted: Angie Cooke	
Title: Senior Manager, Engineerin			
Date: 11/02/2020	Tat	L IN WANT	

COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION (37 CFR 1.63) USING

	AN APPLICATIO	IN DATA STEET	
Attorney, Docket No.	SPINE 3.0F-1075		
Title of the Invention ("Invention")	3D Printed Cervical Standalone Impl	ant	
Legal Name of Inventor/Assignor ("Inventor/Assignor")	Jennifer Anne Moore		
Assignee ("Assignee")	K2M, Inc., incorporated in Delaware 20175.	and having a place of business at 600 Hope Parkway SE; Leesburg, Virginia	
	****	~	
As named inventor, I hereby declare that (i) this declaration is directed to:	DECLAR	RATION	
The attached Applie	cation		
× United States Appli	cation Number or PCT International A	pplication Number <u>17/019,912</u>	
(ii) the above-identified Application	per 14, 2020 n is/was made or authorized to be made	de by me; almed invention in the above-identified Application; and	
(iv) I hereby acknowledge that any		teclaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not	
	sign to Assignee, and Assignee wis	hes to acquire, the entire right, title, and interest to the Invention and the	
Application; NOW, THEREFORE, for good	and valuable consideration, the rece	pipt and adequacy of which are hereby acknowledged, Assignor hereby sells,	
assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assigner does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facts known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful paths, and			
Assignor does hereby authoriz said Application when known. We hereb the Assignee.	e the attorneys of Assignee and their y also declare that we agree that the	assigns to insert on this Assignment the filing date and application number of Assignee may take steps for recordal of this Assignment in the sole name of	
WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56."			
ASSIGNOR		ASSIGNEE	
By Omeile Mans	*	By:	
Printed: Jennifer Moore		Printed: Joel Millets	
Title: Associate Manager, Eng	ineering	Title: IP Agent	
Date: 11/03/2020		Date: 09 April 2021	
WITNESS By: Sund Mary Printed: Brandon V Moore		By:	
Title: Principal Engineer		Title: Sr. RD Coordinator	
Date: 11/3/2020		Date: 49973021	

PATENT REEL: 058578 FRAME: 0348

Attorney, Docket No.	SPINE 3.0F-1075	
Title of the Invention ("Invention")	3D Printed Cervical Standalone Impla	ent
Legal Name of Inventor/Assignor ("inventor/Assignor")	Bryan D. Mitz	
Assignee ("Assignee")	K2M, Inc. , incorporated in Delaware 20175	and having a place of business at 600 Hope Parkway SE: Leesburg, Virginia
	nen ac	. A MYMA2
As named inventor, I hereby declare that (i) this declaration is directed to:		AHUN
OR The attached Appli		
	ication Number or PCT International Ap	oplication Number <u>17/019,912</u>
(ii) the above-identified Applicatio (iii) I believe I am the original inver		med invention in the above-identified Application; and
(iv) I hereby acknowledge that any more than five (5) years, or both.	/ Wilful talse statement made in the de	eclaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not
T1 7.1%	sign to Assignee, and Assignee wish	es to acquire, the entire right, title, and interest to the Invention and the
NOW, THEREPORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, for the United States of America and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are pereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assignor does hereby agree and covenant without further remuneration, to excelle and deliver all original, divisional, continuation, continuation-in-part, tressue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its representatives all facis known to the undersigned respecting the Invention, whenever requested, to testify in any interferences or other legal proceedings in which the Applications to be borne and paid by Assignee. I, as assignor		
ASSIGNOR		ASSIGNEE
18049 2: 1814 Section 2010		Description opens on
By: Printed: Bryan D. Milz		By: Serioted: Joel Millets
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Title: Sr. Designer Date: 03/24/2021		Title: IP Agent Date: 26 March 2021
WITNESS		WITNESS By: Special seconds from the second seconds from the second sec
By: Section and the second		By:
Printed: Angle Cooke		Printed: Angle Cooke
Title: Sr. RD Coordinator		Title: Sr. RD Coordinator
Date: 3/24/2021	<u></u>	Date: 3/26/2021

Attorney, Docket No.	SPINE 3.0F-1075	
Title of the Invention ("Invention")	3D Printed Cervical Standalone Implant	
Legal Name of Inventor/Assignor ("Inventor/Assignor")	Choll Kim	
Assignee ("Assignee")	K2M, Inc., incorporated in Delaware and having a place of business at 600 Hope Parkway SE; Leesburg, Virginia 20175	
	DECLARATION	
As named inventor, I hereby declare that (i) this declaration is directed to: The attached Appl	f: lication	
filed on <u>Septem</u>	lication Number or PCT International Application Number <u>17/019,912</u> h <u>ber 14, 2020</u> In Is/was made or authorized to be made by me;	
(iii) I believe I am the original inve	entor or an original joint inventor of a claimed invention in the above-identified Application; and by willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not	
WHEREAS, Assignor wishes to as Application;	ssign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the Invention and the	
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged. Assignor hereby sells, assigns; transfers and sets over to Assignee, and Assignee hereby accepts, the entire right, title and interest, toor the United States of America and all other countries, in and to the Invention and the Application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries for the Invention, including without limitation all applications and patents for the Invention claiming priority or benefit of the Application pursuant to any law or treaty, and all rights under any International Conventions for the Protection of Intellectual Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of such applications and including all claims for damages by reason of past inhingement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit, and the Commissioner of Patents and Trademarks and the Patent Office officials in foreign countries as are duly authorized by the respective foreign patent laws to issue patents are hereby authorized and requested to issue all patents on said improvements or resulting therefrom to Assignee, as assignee of the entire interest therein; and the Assigner does hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, continuation-in-part, reissue and other applications for Letters Patent on the Invention and all assignments thereof to Assignee or its assigns, to communicate to Assignee or its proceedings in which the Application and any related applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do ge		
contents of the application, including dia in 1.56.*	aims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined	
ASSIGNOR	ASSIGNEE // // // // // // // // // // // // //	
Printed: Chell Kinn	By:	
Title: Spine Surper	Title: IP Agent	
Date: 11/10/21	Date: 06 January 2022	
WITNESS	WITNESS	
Ву:	By: /Angie Cooke/	
Printed: Adr. en re	Bixby Printed: Angle Cooke	
Title: Office man	y	
Date: " 10 21	Date: 1/06/2022	

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Attorney, Docket No.	SPINE 3.0F-1075
Title of the Invention ("invention")	3D Printed Cervical Standalone Implant
Legal Name of inventor/Assignor ("Inventor/Assignor")	Alex Monit
Assignee ("Assignee")	K2M, Inc. , incorporated in Delaware and having a place of business at 600 Hope Parkway SE; Leesburg, Virginia 20175
	DECLARATION
As named inventor, I hereby declare that (i) this declaration is directed to:	
The attached Appli	ation
filed on <u>Sectem</u>	cation Number or PCT international Application Number <u>17/019.912</u> <u>per 14, 2020</u> I is/was made or authorized to be made by me;
(iii) I believe I am the original inver	tor or an original joint inventor of a claimed invention in the above-identified Application; and
 (iv) I hereby acknowledge that any more than five (5) years, or both. 	wilful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not
WHEREAS, Assignor wishes to as Application;	sign to Assignee, and Assignee wishes to acquire, the entire right, title, and interest to the invention and the
NOW, THEREFORE, for good assigns, transfers and sets over to Assig countries, in and to the invention and it patents applied for or granted therefor it and patents for the invention claiming pri the Protection of intellectual Property, it from the priority of such applications and own use and the use of its successors. Patents and Trademarks and the Patent hereby authorized and requested to issuithe Assignor does hereby agree and correlissue and other applications for Letter representatives all facts known to the unwhich the Application and any related a everything necessary to aid Assignee, its incident to said applications to be borned in a sassignor, hereby assign September 16, 2019 ("Provisional"), and Provisional pursuant to any law or treaty Assigner does hereby authorized and Application when known. We hereby the Assignee. WARNING: According to 37 C.F.F. 1.6	to said assignee all of my right, title and interest in United States Provisional Application No. <u>62/900.937</u> , flied in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of the
ASSIGNOR //	ASSIGNEE
By: V. W. A. A.C.K.	By: /Joel F. Millets/
Title: MO , O()	/ TOA/ Printed: Joel F. Millets / Title: IP Agent
Date: 11/1	3/2/2/2 Date: 24 November 2020
WITNESS	WITNESS
Bridge Charles	By: /Laura J. Millets/ Six Printer: Laura J. Millets
Printed: Calcanta l'a Title: Witness	رزد Printed: Laura J. Millets Title: Witness
Date: 1//13/2025	Date: 24 November 2020

Attorney, Docket No.	SPINE 3:0F-1075			
Title of the Invention ("Invention")	3D Printed Cervical Standalone Implant			
Legal Name of Inventor/Assignor ("Inventor/Assignor")	Yashar Javidan			
Assignee ("Assignee")	K2M, Inc., incorporated in Delaware 20175	and having a	place of business at 600 Hope Parkway SE; Leesburg, \	Virginia
or and the or or or		RATION		
As named inventor, I hereby declare that (i) this declaration is directed to:	t:			
The attached Appli	ication			
OR OR	· · · · · · · · · · · · · · · · · · ·			
X United States Appl	ication Number or PCT International A	Application Nun	nber <u>17/019.912</u>	
	ber 14, 2020	Late water		
	n is/was made or authorized to be ma ntor or an original joint inventor of a cli		in the above-identified Application; and	
			unishable under 18 U.S.C. 1001 by fine or imprisonmen	t of not
more than five (5) years, or both.		· · · · · · · · · · · · · · · · · · ·		
WHEREAS, Assignor wishes to as Application;	sign to Assignee, and Assignee wis	thes to acquire	s, the entire right, title, and interest to the Invention a	ind the
assigns, transfers and sets over to Assig- countries, in and to the Invention and to patents applied for or granted therefor is and patents for the Invention claiming proceeding the Protection of Intellectual Property, in from the priority of such applications and own use and the use of its successors, Patents and Trademarks and the Patent hereby authorized and requested to issue the Assignor does hereby agree and correissue and other applications for Letter, representatives all facts known to the un which the Application and any related a everything necessary to aid Assignee, its incident to said applications to be bome I. as assignor, hereby assign September 16, 2019 ("Provisional"), and Provisional pursuant to any law or treaty Assignor does hereby authoris said Application when known. We heret the Assignee. WARNING: According to 37 C.F.R. 1.	gnee, and Assignee hereby accepts, the Application and all original, division the United States of America and a fority or benefit of the Application pursually or benefit of the Application and the foliation of the Indiana and Italians for damages by it assigns and legal representatives, an Office officials in foreign countries as the all patents on said improvements or venant without further remuneration, the Patent on the Invention and all assignerations or patents may become its successors, assigns and nominees the and paid by Assignee. It is said assignee all of my right, titled in the invention disclosed thereto in in the countries of the world. The applications of the world. The applications of the world of the attorneys of Assignee and their by also declare that we agree that the left of the Invention may not execute.	he entire right, onal, continuated in other country uant to any law are European Presson of passing their are duly author resulting their are duly author resulting there to execute and gnments there thenever requent to obtain paten and interest all countries of assigns to instance and cath or derivation of the entire	acy of which are hereby acknowledged, Assignor hereb title and interest, for the United States of America and a ion, continuation-in-part, substitute or reissue applicationes for the Invention, including without limitation all appliper or treaty, and all rights under any International Convention and the corresponding rights to claim infringement with the right to sue for and collect the same right to claim such priority or benefit, and the Commissionized by the respective foreign patent laws to issue pate from to Assignee, as assignee of the entire interest there deliver all original, divisional, continuation, continuation-of to Assignee or its assigns, to communicate to Assignee sted, to testify in any interferences or other legal proceeds all lawful papers, make all rightful oaths, and to do get protection for said improvements in all countries, the extin United States Provisional Application No. 62/900.93 of the world including the right to claim priority or benefit ert on this Assignment the filling date and application nur take steps for recordal of this Assignment in the sole of claration unless the person has reviewed and understant all information known to be material to patentability as a set of the patentability as all information known to be material to patentability as a set of the patentability as all information known to be material to patentability as a set of the patental patentable patentable patentable patentable patentable patentable patentable patentable patenta	ill other ins and cations ons for benefit e for its oner of ints are eit; and in-part, e or its lings in enerally penses. Z. filed to the inber of ame of ame of ands the
ASSIGNOR		ASSIGNEE		
By: /Yashar Javidan/			/Joel F. Millets/	
By: // dollar Savidan/				
	dan	Printed:	Joel F. Millets IP Agent	
Title: MD; inventor Date: 11/7/20				
Date: 11/7/20		Date:	24 November 2020	
WITNESS		WITNESS		
By: /Christina Javid		Ву:		
Printed: Christina Javidar	1	Printed:	Laura J. Millets	
Title:		Title:	Witness	
Date: 11/7/20		Date:		

PATENT
RECORDED: 01/07/2022 REEL: 058578 FRAME: 0352