505883543 01/27/2020 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5930368

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
SRAVAN MATETI			01/24/2020	
NADEEM PANJWANI			01/26/2020	
VINOD PATIL			01/24/2020	
SUDHEER KONDUR	U		01/27/2020	
PAUL ERIC HAZBOU	N		01/27/2020	
DOUGLAS J. GODDA	RD		01/27/2020	
RECEIVING PARTY I				
Name:		OF AMERICA CORPORATION		
Street Address:		TRYON STREET		
Internal Address:	MAILCODE: NC1-027-20-05			
City:	CHARLOTTE			
State/Country:	NORTH CAROLINA			
	28255			

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16773034		

CORRESPONDENCE DATA

Fax Number:(845)362-6111Correspondence 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:845.262.6100

Phone:	845 362 6100
Email:	cziskind@weissarons.com
Correspondent Name:	WEISS & ARONS LLP
Address Line 1:	63 SOUTH MAIN STREET
Address Line 4:	SPRING VALLEY, NEW YORK 10977

ATTORNEY DOCKET NUMBER:	104-555
NAME OF SUBMITTER:	JOEL WEISS
SIGNATURE:	/Joel Weiss/
DATE SIGNED:	01/27/2020

	This document serves as an Oath/Declaration (37 CFR 1.63).				
Total Attachments: 12	Total Attachments: 12				
source=104-555_Assignments_Declarat	tions_as_Filed#page1.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page2.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page3.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page4.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page5.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page6.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page7.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page8.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page9.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page10.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page11.tif				
source=104-555_Assignments_Declarat	tions_as_Filed#page12.tif				

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)		
Title of Invention	VIEW TABLES FRAMEWORK	
As the below na	amed inventor, I hereby declare that:	
This declaratior is directed to:	The attached application, or	
	United States application or PCT international application number	
The above-iden	tified application was made or authorized to be made by me.	
believe that I a	im the original inventor or an original joint inventor of a claimed invention in the application.	
	vledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or If not more than five (5) years, or both.	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ASSIGNMENT	
iling date and a NHEREAS, BAN Delaware, and f itle and interes	Tal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the application number below after they become known and prior to filing the recordation. U.S. Application No. $\frac{16/173,034}{10,034}$ , filed $\frac{01/27/2020}{10,000}$ . K OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, t in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the America, and in any and all countries foreign thereto:	
bayment for the aid Assignor, by epresentatives, countries foreig countries in its c entitled under in etters Patent g n-parts and extra onfidential info equest the Com- nventions or re- nterest. I represe vithout further cominees, any a provisional, division proceedings, sig	RE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or e making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I y these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal , the full and exclusive right, title and interest for the territory of the United States of America and all in thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign pown name and to claim any priority rights for such foreign applications to which such applications are international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and ranted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation- ensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, sumation, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and missioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said sulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and sent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or ind all facts known to me regarding said inventions whenever requested, and that I will execute all non- sional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal in all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its grs, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.	

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Sravan Mateti

Date: 1/24/2020

Signature: Sravan Mateti

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)		
Title of Invention	VIEW TABLES FRAMEWORK	
As the below named inv	entor, I hereby declare that:	
This declaration I	The attached application, or	
	United States application or PCT international application number	
The above-identified ap	plication was made or authorized to be made by me.	
I believe that I am the or	iginal inventor or an original joint inventor of a claimed invention in the application.	
	at any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or re than five (5) years, or both.	
	ASSIGNMENT	
invention. If the followin 37 C.F.R. §3.21 for recom- insert the filing date and WHEREAS, BANK OF AM	anjwani ("Assignor"), a citizen of India, residing in Dallas, Texas, have invented the above ng lines are blank, the above application was filed on even date herewith, otherwise, to comply with dal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to application number below after they become known and prior to filing the recordation. U.S. Application No. $1/173, 034$ , filed $01/21/2020$ . ERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right,	
title and interest in and t	o the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the and in any and all countries foreign thereto:	
payment for the making said Assignor, by these p representatives, the full countries foreign thereto countries in its own nam entitled under internation Letters Patent granted th in-parts and extensions t confidential information, request the Commission Inventions or resulting th interest. I represent and without further consider nominees, any and all fac provisional, divisional, re proceedings, sign all lawf	HOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I resents do sell, assign and transfer unto said Assignee, its successors, assigns and legal and exclusive right, title and interest for the territory of the United States of America and all b, and throughout the world and in space, (including the right to apply for Letters Patent in foreign e and to claim any priority rights for such foreign applications to which such applications are nal conventions, treaties, or otherwise), in and to said inventions and in and to all applications and herefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-hereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and er of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will ation, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or its known to me regarding said inventions whenever requested, and that I will execute all non-issue, reexamination, continuation and continuation-in-part applications, testify in any legal ful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its nominees, to obtain and enforce proper patent protection for said inventions in all countries.	

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR	
Inventor: Nadeem Paniwani	 01/26/2020
Signature: <u>Partubani</u>	 

Attorney Docket No.: 104-555 IDF9549

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)		
Title of Invention	VIEW TABLES FRAMEWORK	
As the below na	imed inventor, I hereby declare that:	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application number	
The above-iden	tified application was made or authorized to be made by me.	
I believe that I a	m the original inventor or an original joint inventor of a claimed invention in the application.	
	vledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or if not more than five (5) years, or both.	
	ASSIGNMENT	
following lines a for recordal of t date and applica WHEREAS, BAN Delaware, and t title and interes	<ul> <li>nod Patil ("Assignor"), a citizen of India, residing in Dallas, Texas, have invented the above invention. If the are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 his assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing it in number below after they become known and prior to filing the recordation.</li> <li>U.S. Application No. 14/173, 03.4</li> <li>K OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of iaving its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, t in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the 'America, and in any and all countries foreign thereto:</li> </ul>	
payment for the said Assignor, by representatives, countries foreig countries in its of entitled under in Letters Patent g in-parts and extri- confidential infor request the Con- inventions or re- interest. I represe without further nominees, any a provisional, division proceedings, sig	RE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or i making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I y these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal the full and exclusive right, title and interest for the territory of the United States of America and all in thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign pown name and to claim any priority rights for such foreign applications to which such applications are international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and ranted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation- ensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, irmation, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and armissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said sulting thereform to said Assignee, or its successors and assigns, as assignee of the entire right, title and went and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nd all facts known to me regarding said inventions whenever requested, and that I will execute all non- sional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal in all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its ass, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.	

[Page 1 of 2]

W			

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Vinod Patil

Later.

Date: 01/24/2020

Signature:

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)		
Title of Invention VIEW TABLES FRAMEWORK		
As the below named inventor, I hereby declare that:		
This declaration 🗹 The attached application, or Is directed to:		
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.		
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.		
ASSIGNMENT		
WHEREAS, I, <b>Sudheer Konduru</b> ("Assignor"), a citizen of <b>India</b> , residing in <b>Dallas, Texas</b> , have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.		
U.S. Application No. 16/773, 034 filed 01/27/2020		
WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:		
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, i said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do		

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Sudheer Konduru

Date: 01-27-2020

Signature: sudheer Konduru

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)			
Title of Invention	VIEW TABLES FRAMEWORK		
As the below	named inventor, I hereby declare that:		
This declarati is directed to:	343 Une attached application, or		
	United States application or PCT international application number		
The above-ide	entified application was made or authorized to be made by me.		
I believe that	am the original inventor or an original joint inventor of a claimed invention in the application.		
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or af not more than five (5) years, or both.		
·····	ASSIGNMENT		
invented the a otherwise, to	<b>Paul Eric Hazboun</b> ("Assignor"), a citizen of <b>United States of America</b> , residing in <b>Flower Mound, Texas</b> , have above invention. If the following lines are blank, the above application was filed on even date herewith, comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the Bank of America to insert the filing date and application number below after they become known and prior to rdation. U.S. Application No. <u>14/173, 034</u> , filed <u>01/27/2020</u> .		
Delaware, and title and inter	WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesald inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:		
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and eliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do e			

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Paul Eric Hazboun

Date: 01/27/2020

Signature: <u>Paul Hazbour</u>

Attorney Docket No.: 104-555 IDF9549

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)	
Title of Invention	VIEW TABLES FRAMEWORK
As the below named inventor, I hereby declare that:	
This declaration 🔽 The attached application, or is directed to:	
	United States application or PCT international application number
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,	
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or of not more than five (5) years, or both.
ASSIGNMENT	
WHEREAS, I, <b>Douglas J. Goddard</b> ("Assignor"), a citizen of <b>United States of America</b> , residing in <b>Addison</b> , <b>Texas</b> , have invented the above invention. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation. U.S. Application No. $\frac{16}{173}, 034$ , filed $\frac{01}{27}/2020$ .	
WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:	
NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, relssues, reexaminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, reexamination, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do	

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Douglas J. Goddard

Date: January 27, 2020

Signature: /Douglas Goddard/

[Page 2 of 2]

**RECORDED: 01/27/2020**