### 506170736 07/24/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6217473

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAMALJEET SINGH BEDI	06/04/2018
JYOTIRANJAN MOHAPATRA	06/04/2018
DAVID LEE HOYLE	06/04/2018
VISHAL PATANGIA	06/01/2018

### **RECEIVING PARTY DATA**

Name:	BANK OF AMERICA CORPORATION
Street Address:	MAILCODE: NC1-027-20-05
Internal Address:	214 NORTH TRYON STREET
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16938100

### **CORRESPONDENCE DATA**

Fax Number:

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:** 2149536759

**Email:** ptomail1@bakerbotts.com

Correspondent Name: BAKER BOTTS LLP/BANK OF AMERICA CORPORAT

Address Line 1: 2001 ROSS AVENUE

Address Line 2: SUITE 900

Address Line 4: DALLAS, TEXAS 75201

Total Attachments: 0	
DATE SIGNED:	07/24/2020
SIGNATURE:	/Latoya Jenkins/
NAME OF SUBMITTER:	LATOYA JENKINS
ATTORNEY DOCKET NUMBER:	015444.1681

Total Attachments: 8

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# COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	ACCESS CONTROL TOOL	
As the below	named inventor, I hereby declare that:	
This declarati	The 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	I 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 onment of not more than five (5) years, or both.	
	ASSIGNMENT	
WHEREAS, I, Kamaljeet Singh Bedi ("Assignor"), a citizen of India (Country), residing in Janakpuri, New Delhi, India (City, State/Province) 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. $\underline{16/938,100}$ , filed $\underline{07/24/2020}$ .	
of Delaware, entire right, t	ANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent ted in the United States of America, and in any and all countries foreign thereto:	
salary or paying acknowledge and legal reprand all count Patent in fore applications at oall applications continuations	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including ment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby d, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns resentatives, the full and exclusive right, title and interest for the territory of the United States of America ries foreign thereto, and throughout the world and in space, (including the right to apply for Letters sign countries in its own name and to claim any priority rights for such foreign applications to which such are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and ions and Letters Patent granted therefor, and all non-provisionals, divisionals, reissues, reexaminations, or continuation-in-parts and extensions thereof, and in and to all copyrights, trademarks with their bodwill, 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 everything reasonable for said Assignee, its successors, assigns, and nominees, to

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obtain and enforce proper patent protection for said inventions in all countries.

#### **WARNING:**

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 C.F.R. 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 C.F.R. 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: Kamaljeet Singh Bedi	Date: 4 <sup>th</sup> June 2018
Signature: /	<u></u>

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# COMBINED DECLARATION (37 C.F.R. 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Title of Invention	ACCESS CONTROL TOOL	
As the below	named inventor, I hereby declare that:	
This declarati	\   The attached application, or	
	United States application or PCT international application number	
The above-id	entified 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.	
-	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by onment of not more than five (5) years, or both.	
	ASSIGNMENT	
WHEREAS, I, Jyotiranjan Mohapatra ("Assignor"), a citizen of India (Country), residing in Hyderabad, Telengana (City, State/Province) 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. $16/938,100$ , filed $07/24/2020$ .	
of Delaware, entire right, therefor gran	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the litle and interest in and to the aforesaid inventions and in and to all applications and Letters Patent ted in the United States of America, and in any and all countries foreign thereto:	
salary or pay acknowledge	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including ment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby d, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, and 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 everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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#### WARNING:

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LEGAL NAME OF INVENTOR

Inventor: Jyotiranjan Mohapatra

Date: 04-7002-2018

Signature: / JE MA-opains /

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Title of Invention	ACCESS CONTROL TOOL
As the below	named inventor, l hereby declare that:
This declarati	\( \)   The attached application, of
	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	I 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 onment of not more than five (5) years, or both.
	ASSIGNMENT
State/Province on even date below, hereb	David Lee Hoyle ("Assignor"), a citizen of United States (Country), residing in Gilbert, Arizona (City, e) have invented the above invention. If the following lines are blank, the above application was filed herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor y authorize the attorneys for Bank of America to insert the filing date and application number below come known and prior to filing the recordation.
	U.S. Application No. $\underline{16/938,100}$ , filed $\underline{07/24/2020}$ .
of Delaware, entire right, t	NNK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the citle and interest in and to the aforesaid inventions and in and to all applications and Letters Patent ted in the United States of America, and in any and all countries foreign thereto:
salary or payr acknowledged assigns and le	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including ment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby d, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, regal representatives, the full and exclusive right, title and interest for the territory of the United States and all countries foreign thereto, and throughout the world and in space, (including the right to apply for

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 assignse 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 everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

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LEGAL NAME OF INVENTOR	
Inventor: David Lee Hoyle	Date:6/4/2018
Signature: / David Lee Hoyle /	<u>'</u>

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This declarati is directed to	TAT The 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	l 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 onment of not more than five (5) years, or both.
	ASSIGNMENT
State/Provinc on even date below, hereb	Vishal Patangia ("Assignor"), a citizen of India (Country), residing in West Hills, California (City, e) have invented the above invention. If the following lines are blank, the above application was filed therewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignory authorize the attorneys for Bank of America to insert the filing date and application number below come known and prior to filing the recordation.
	U.S. Application No. <u>16/938,100</u> , filed <u>07/24/2020</u> .
of Delaware, entire right, t	NK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the citle and interest in and to the aforesaid inventions and in and to all applications and Letters Patent ted in the United States of America, and in any and all countries foreign thereto:
salary or payr acknowledged assigns and led of America ar Letters Paten which such a inventions and reissues, reex trademarks we useful to mall official whose Assignee, or it	FORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including ment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby d, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, agal representatives, the full and exclusive right, title and interest for the territory of the United States and all countries foreign thereto, and throughout the world and in space, (including the right to apply for t in foreign countries in its own name and to claim any priority rights for such foreign applications to applications are entitled under international conventions, treaties, or otherwise), in and to said d in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisionals, caminations, continuations, continuation-in-parts and extensions thereof, and in and to all copyrights, with their associated goodwill, trade secrets, confidential information, and compilations, necessary or see, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any a duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said the successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that the to agree to, execute, and deliver this assignment. I agree that I will without further consideration,

37063327

countries.

[Page 1 of 2]

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 everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all

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LEGAL NAME OF INVENTOR	
Inventor: Vishal Patangia Signature: /	Date: 06 O1 18

RECORDED: 07/24/2020