506635950 04/29/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6682759

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ORDER OF THE FIRST AND LAST NAMES OF ASSIGNOR NAYAK'S NAME previously recorded on Reel 055377 Frame 0047. Assignor(s) hereby confirms the CORRECT ORDER OF THE ASSIGNOR'S FIRST AND LAST NAMES IS PRATEEK NAYAK.	

## **CONVEYING PARTY DATA**

Name	Execution Date
DAVID PETER MORGAN	02/18/2021
PRATEEK NAYAK	02/21/2021
SHIVAM SHARMA	02/22/2021
JORDAN LEVESQUE	02/22/2021
LOGESHWARAN VIDHYASAGAR	02/22/2021
DANIEL LEE	02/22/2021
SRIDHAR DUDDALA	02/19/2021
EMI CHORARIA	02/21/2021

#### **RECEIVING PARTY DATA**

Name:	FMR LLC
Street Address:	245 SUMMER STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02210

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16941274

#### **CORRESPONDENCE DATA**

**Fax Number:** (617)526-9899

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.

Email: DOCKETINGPATENTBOSTON@PROSKAUER.COM

Correspondent Name: PROSKAUER ROSE LLP

Address Line 1: ONE INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER: | FID-384

NAME OF SUBMITTER: PATRICK J. NIEDERMEIER

PATENT REEL: 056932 FRAME: 0218

506635950

SIGNATURE:	/Patrick J. Niedermeier #64/946/	
DATE SIGNED:	04/29/2021	
Total Attachments: 18		
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# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6566776

SUBMISSION TYPE:	IEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID PETER MORGAN	02/18/2021
NAYAK PRATEEK	02/21/2021
SHIVAM SHARMA	02/22/2021
JORDAN LEVESQUE	02/22/2021
LOGESHWARAN VIDHYASAGAR	02/22/2021
DANIEL LEE	02/22/2021
SRIDHAR DUDDALA	02/19/2021
EMI CHORARIA	02/21/2021

## **RECEIVING PARTY DATA**

Name:	FMR, LLC
Street Address:	245 SUMMER STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02210

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Email: kchrisom@proskauer.com PROSKAUER ROSE LLP **Correspondent Name:** Address Line 1: ONE INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	FID-384
NAME OF SUBMITTER:	S. JAMES BOUMIL III
SIGNATURE: /S. James Boumil III, Reg. No. 68,465/	
<b>DATE SIGNED:</b> 02/23/2021	

# This document serves as an Oath/Declaration (37 CFR 1.63).

# **Total Attachments: 16**

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INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

#### DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

#### I. DECLARATION

As the below named inventor, I hereby make the following declarations with respect to the above-identified patent application:

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 above-identified application;

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims;

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application; and

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.

## II. ASSIGNMENT

WHEREAS, I, <u>David Peter Morgan</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

Attorney Docket No. FID-384 U.S. Application No. 16/941,274 Page 2 of 2

had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

# HI. SIGNATURE BLOCK

IN TESTIM	NV WHEREOF I have here	unto set my hand-	and affixed my seal on the date set
forth below.		Inventor:	David Peter Morgan
NOTARIZATION			
State/Commonwealth County of	n of ) ) ss		
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<u>WITNESS</u>	Christine	M. Ma	Jan
Witness Signature:	Christine N	1 Maxa	an
Witness Name:	Falanan	18.20	21
Witness Date:	- Les inventor	The state of the s	

**PATENT** 

Attorney Docket No. FID-384

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

#### DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

#### I. DECLARATION

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I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims;

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application; and

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.

## II. ASSIGNMENT

#### Prateek Nayak

WHEREAS, I, <u>Nayak Prateck</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

#### **CORRECTED**

Attorney Docket No. FID-384 U.S. Application No. 16/941,274 Page 2 of 2

had this assignment and sale not been made. Thereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. Thereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

Thereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

## III. SIGNATURE BLOCK

IN TESTI forth below.	MONY WHEREOF	, I have hereunt	o set my hand-a	nd affixed my seal on the date set
			Inventor:	Nayak Prateek
NOTARIZATIO	<u> </u>			Prateek Nayak
State/Commonwe County of	ealth of <u>Prateek Nayak</u>	) ) ss		
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Witness Name:	<u>Shailu</u>	-Cherovi	ari	const
Witness Date:	tebhu	21,2	021	

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INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

# DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

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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.

# II. ASSIGNMENT

WHEREAS, I, <u>Shivam Sharma</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of

Attorney Days et No. PD-384 U.S. Application No. 16/941/274 Page 2 of 2

industrial property by filling any such applications for letters patent, including but not limited to any cause(s) of action and damages accroing prior to this assignment. It bereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right to ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEEs selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignce of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute open request any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

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#### III. SIGNATURE BLOCK

forth below	*HEREOF. I have hereunto set my hand-and affixed my scal on the date set
	Inventor V
NOTARIZATION	THE VALUE SHEET HIS
State/Commonwealth of County of	) )
On this day of personally appeared Shiva was were or attached document in m	n Sharma, proved to me through satisfactory evidence of identification, which to be the person whose name is signed on the process.
	Notary Public My Commission Expires
WILNESS	January Charles
Witness Signature:	
Witness Name:	SAURABY SHIRMA
Witnesser (Notes)	99-COR-2003

INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

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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.

#### II. ASSIGNMENT

WHEREAS, I, <u>Jordan Levesque</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

Attorney Docket No. FID-384 U.S. Application No. 16/941,274 Page 2 of 2

had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

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	III. SIGNA	TURE BLOCK		
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total below.				
	•	Inventor:	Brdan Levesque	e
<u>NOTARIZATION</u>			soumm rovedan	
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On this 22 day of Febr		_before me, the	undersigned notary public,	÷.,
personally appeared <u>lordan Levesc</u> was/were NH Driver's 1/60	<u>tue,</u> proved to me the	ough satisfactor	y evidence of identification, wh se name is signed on the precedi	ich
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		Killanni	A-Karaka	
		Notary Public		•
		My Commission PAT	on expires: Tricia a. Howard-Barnett	-
WITNESS	1	N My C	otary Public - New Hampshire fommission Expires May 3, 2022	
Witness Signature:		3		
Witness Name: King	es Austh			
Witness Date: 2/2	9/91			
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121888244/1

INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

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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.

# II. ASSIGNMENT

WHEREAS, I, <u>Logeshwaran Vidhyasagar</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of

Attorney Docket No. FTD-384 U.S. Application No. 16/941,274 Page 2 of 2

industrial property by filing any such applications for letters patent, including but not limited to any eause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications.

I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

I hereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

# III. SIGNATURE BLOCK

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Witness Name:	G. VIDHY	MINGAR	(	
Witness Date:	dana	FEBRUAL	<	

INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

#### DECLARATION PURSUANT TO 37 C.F.R. § 1.63 AND ASSIGNMENT

#### I. DECLARATION

As the below named inventor, I hereby make the following declarations with respect to the above-identified patent application:

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 above-identified application;

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims;

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application; and

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.

## II. ASSIGNMENT

WHEREAS, I, <u>Daniel Lee</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

Attempt Social No. PTS-144 113. Application No. 16741 274 Page 2 of

had this assignment and sale not been made. Thereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accroining prior to this assignment. Thereby acknowledge that this ussignment, being of inventor right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international patent applications

I hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved.

Thereby authorize and request the Director of the United States Patent and Trademark Office to issue such letters patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

#### III. SIGNATURE BLOCK

IN TESTIMONY WHEREOF, I have hereunt forth below.	o set my hand-a Inventor:	nd affixed my seal	on the date set
NOTARIZATION			
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Witness Signature:			
Witness Name:			
Witness Date:			
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INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

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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.

#### II. ASSIGNMENT

WHEREAS, I, <u>Sridhar Duddala</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

Attorney Docket No. FID-384 U.S. Application No. 16/941,274 Page 2 of 2

had this assignment and sale not been made. I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own name as assignee of my entire right, title and interest therein.

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#### III. SIGNATURE BLOCK

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				Inventor:	0.3742
NOTARIZATION					Sridhar Doddala
State/Commonwe					
County of	83143 VV	) ss			
On this	day of		_, 202_	_before me,	the undersigned notary public.
personally appeared	l Sridhar Dudde	<u>la, proved</u> to	) me thr	ough satisfac	tory evidence of identification, which
was/were or attached docume	nt in my presen	Ce.	, 100 000	nie berzon s	hose name is signed on the preceding
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INVENTOR(S): Morgan et al. CONFIRMATION NO.: 7016

APPLICATION NO.: 16/941,274 FILING DATE: July 28, 2020

TITLE: SYSTEMS AND METHODS FOR SEARCH BASED CALL ROUTING

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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.

## II. ASSIGNMENT

WHEREAS, I, <u>Emi Choraria</u>, have invented, solely or jointly, one or more inventions described in the above-identified patent application for letters patent; and

WHEREAS, FMR LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under the laws of the State of Delaware, and having a usual place of business at 245 Summer Street, Boston, MA 02210, desires to acquire an interest therein, in accordance with agreements duly entered into with me.

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with my entire right, title and interest in and to said application and such letters patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such letters patent, and any right, title and interest I may have in provisional applications to which said application claims priority; said invention(s), applications and letters patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held by me

Attorney Disclot No. P104-94 U.S. Application No. 1649-11, 274 Proc. 2 of 2

had the assignment and sale not been made. I hereby convey all of my rights as one poder or pureaut to any and all United States laws and international agreements, relatives or laws relating to the protection of industrial property by filing any such applications for letters patent, including but not limited to any cause's) of action and dimages accruing prior to this assignment. Thereby acknowledge that this assignment, being of my entire right, title and interest in and to said inventionity), carries within the right in ASSIGNEE to apply for and obtain from competent authorities in all commes of the world any and all letters patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all letters patent to ASSIGNEE in its own same as assignee of my entire right, title and interest therein.

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#### III. SIGNATURE BLOCK

IN TESTIAL forth below.	IONY WHEREOF, I have	hereunto set my hand- Inventor	and affixed my seal on the date set
NOTARIZATION			Emi Choraria
State/Commonweal County of	ith of )		
personally appeared	Ena Choracia, proved to m	e through satisfactory	ne undersigned notary public, evidence of identification, which lose name is signed on the precedin
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witness Signature: Witness Name: Witness Date:	GOWTHAM SIDO FEBRUARY 21	HARTHAN M. 2021	

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