504905433 05/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4952177

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAJHANS SAMDANI	05/04/2018
PRATYUS PATNAIK	05/04/2018
ROOPAK VENKATAKRISHNAN	05/04/2018
NATHANIEL ACKERMAN ROOK	05/04/2018
ANKIT GOYAL	05/04/2018

RECEIVING PARTY DATA

Name:	TOWNSEND STREET LABS, INC.
Street Address:	330 TOWNSEND ST., SUITE 212
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15942342

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: 512.246.0988

Email: uspto@lindauerip.com
Correspondent Name: LINDAUER LAW, PLLC

Address Line 1: PO BOX 3623

Address Line 4: CEDAR PARK, TEXAS 78630

ATTORNEY DOCKET NUMBER:	653-7003	
NAME OF SUBMITTER:	DOMINIC S.I. LINDAUER	
SIGNATURE:	/Dominic S.I. Lindauer Reg. No. 61417/	
DATE SIGNED:	05/08/2018	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 13

PATENT REEL: 045747 FRAME: 0418

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U.S. Patent Appln. No. <u>15/942,342</u>

Client Docket No. 653-7003

Nathaniel Ackerman Rook

c/o Townsend Street Labs, Inc.

c/o Townsend Street Labs, Inc.

330 Townsend St., Suite 212

San Francisco, CA 94107

330 Townsend St., Suite 212

San Francisco, CA 94107

Ankit Goyal

Filing Date March 30, 2018

PARTIES TO THE ASSIGNMENT

Assignor(s):

Rajhans Samdani

c/o Townsend Street Labs, Inc. 330 Townsend St., Suite 212 San Francisco, CA 94107

Pratyus Patnaik

c/o Townsend Street Labs, Inc. 330 Townsend St., Suite 212 San Francisco, CA 94107

Roopak Venkatakrishnan

c/o Townsend Street Labs, Inc. 330 Townsend St., Suite 212 San Francisco, CA 94107

Assignee:

Townsend Street Labs, Inc. 330 Townsend St., Suite 212 San Francisco, CA 94107

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"DYNAMIC QUERY ROUTING SYSTEM" (Invention) for which a non-provisional application for United States Letters Patent (Application)

States Letters Patent (Application):	
\boxtimes was filed on March 30, 2018 and accorded U.S. Application No. 15/942,342; or	
will be filed concurrently with the submission of this executed PATENT ASSIGNMENT	1T
for recordation.	

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

U.S. Patent Appln. No. 15/942,342

Client Docket No. 653-7003

Filing Date March 30, 2018

Title of Invention: DYNAMIC QUERY ROUTING SYSTEM

Inventors: Rajhans Samdani, Pratyus Patnaik, Roopak Venkatakrishnan, Nathaniel Ackerman

Rook, Ankit Goval

Lindauer Law, PLLC, associated with Customer No. 136387, to insert in the header above and here

in parentheses (U.S. Patent Application No. 15/942,342, filed March 30, 2018) this application's

U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Delaware, is desirous of acquiring the

entire right, title and interest in and to the Invention and in and to any letters patent that may be

granted therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which

is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said Invention,

Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its

successors and assigns for their use and benefit and of their successors and assigns as fully and

entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment,

transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner

of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to

issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all

Page 2 of 8

U.S. Patent Appln. No. 15/942,342

Client Docket No. 653-7003

Filing Date March 30, 2018

Title of Invention: DYNAMIC QUERY ROUTING SYSTEM

Inventors: Rajhans Samdani, Pratyus Patnaik, Roopak Venkatakrishnan, Nathaniel Ackerman

Rook, Ankit Goval

instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said Invention, for litigation regarding said letters patent, or

for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate

to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR

respecting the Invention or said Application, and testify in any legal proceeding, assist in the

preparation of any other patent property relating to the Application and the Invention or any

improvements made thereto, sign/execute all lawful papers, provide all requested documents,

execute and make all rightful oaths and/or declarations in connection with the Application and

the Invention including any improvements made thereto, any patent applications filed therefrom,

and any continuing application filed from any of the aforementioned applications, and generally

do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain

and enforce proper patent protection for the Invention in all countries. These provisions are

binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

Page 3 of 8

U.S. Patent Appln. No. <u>15/942,342</u>	Client Docket No. <u>653-7003</u>	
Filing Date March 30, 2018		
Title of Invention: <u>DYNAMIC QUERY ROUTING SYSTEM</u>	<u>A</u>	
Inventors: Rajhans Samdani, Pratyus Patnaik, Roop Rook, Ankit Goyal	ak Venkatakrishnan, Nathaniel Ackerman	
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application; or		
United States Patent Application number	15/942,342 filed on <u>March 30, 2018</u> ; or	
PCT International Application number	filed on	
The above-identified application was made or autho I believe that I am the original inventor or an original application.		
I have reviewed and understand the contents of the acknowledge the duty to disclose to the US Patent & the to be material to the patentability as defined in 3	Trademark Office all information known to	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.		
Mouni	05/04/2018	
Rajhans Samdani	Date	
WITNESSED BY: O 5 (0 4 (2018) Date	Old June Strong	
	<u> </u>	

Page 4 of 8

A notary public or other officer completing this certificate document to which this certificate is attached, and not the	ate verifies only the identity of the individual who signed the he truthfulness, accuracy, or validity of that document.
Date	SAPPASERT O'GALEN NOTARY RAILL, Here Insert Name and Title of the Officer (A JUANS SAM WY) Name(s) of Signer(s)
subscribed to the within instrument and acknow	evidence to be the person(s) whose name(s) is/are viedged to me that he/she/they executed the same in his/her/their signature(s) on the instrument the person(s), cted, executed the instrument.
OUD SAPPRASERT O'BRIEN COMM. #2223474 NOTARY PUBLIC-CALIFORNIA C SAN FRANCISCO COUNTY My Comm. Expires Dec. 23, 2021	of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature
Place Notary Seal Above	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document	TONAL information can deter alteration of the document or information to an unintended document. Assumed Assument.
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U.S. Patent Appln. No. <u>15/942,342</u>	Client Docket No. 653-7003	
Filing Date March 30, 2018		
Title of Invention: <u>DYNAMIC QUERY ROUTING SYSTEM</u>		
Inventors: Rajhans Samdani, Pratyus Patnaik, Roopal Rook, Ankit Goyal	र Venkatakrishnan, Nathaniel Ackerman	
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application; or		
United States Patent Application number	15/942,342 filed on <u>March 30, 2018;</u> or	
PCT International Application number	filed on	
The above-identified application was made or authori I believe that I am the original inventor or an original j application.		
I have reviewed and understand the contents of the a		
acknowledge the duty to disclose to the US Patent & 1	rademark Office all information known to	
me to be material to the patentability as defined in 37 CFR 1.56.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.		
Pratyus Patnaik	5/4/2018 Date	
WITNESSED BY: OS (OH) 20(8) Date	Witness (Signature)	
	<u>OUS SAPRASERT</u> OBRIEW Witness (Printed Name)	

	ficate verifies only the identity of the individual who signed the it the truthfulness, accuracy, or validity of that document.
State of California County ofSAV_FAWCLICO))
On OSO 4 (2008 before me, 0) Date personally appeared	UD SAPPLASERT O'ANWY NOTANT PUBLIC Here Insert Name and Title of the Officer APATYUS PATNALL Name(s) of Signer(s)
subscribed to the within instrument and acknowledge	ory evidence to be the person(s) whose name(s) is/are owledged to me that he/she/they executed the same in / his/her/their signature(s) on the instrument the person(s), acted, executed the instrument.
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
OUD SAPPRASERT O'BRIEN COMM. #2223474 NOTARY PUBLIC-CALIFORNIA SAN FRANCISCO COUNTY SAY Comm. Expires Dec. 23, 2021	WITNESS my hand and official seal. Signature
Place Notary Seal Above	
Though this section is optional, completing the	PPTIONAL ————————————————————————————————————
Description of Attached Document Title or Type of Document:	tent Assignmentand Declaration
Document Date:	Number of Pages:
Capacity(ies) Claimed by Signer(s) Signer's Name: ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:	Signer's Name:
Signer Is Representing:	Signer Is Representing:

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U.S. Patent Appln. No. <u>15/942,342</u>	Client Docket No. 653-7003
Filing Date March 30, 2018	
Title of Invention: <u>DYNAMIC QUERY ROUTING SYSTEM</u>	
Inventors: Rajhans Samdani, Pratyus Patnaik, Roopa Rook, Ankit Goyal	k Venkatakrishnan, Nathaniel Ackerman
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
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I believe that I am the original inventor or an original japplication.	oint inventor of a claimed invention in the
have reviewed and understand the contents of the a	
acknowledge the duty to disclose to the US Patent & 7 me to be material to the patentability as defined in 37	
me to be material to the patentability as defined in 37	CFR 1.56.
hereby acknowledge that any willful false statement under 18 USC 1001 by fine or imprisonment of not mo	
Roopak Venkatakrishnan	05/04/2018 Date
V	
WITNESSED BY: のどつらしのと Date	<u>المحالمة</u> (Signature)
	Witness (Printed Name)

Page 6 of 8

	tificate verifies only the identity of the individual who signed the not the truthfulness, accuracy, or validity of that document.
State of California)
County of SAN FRANCIS CO	,)
On OSOU before me, O	OUS SAPPLASERY O'BRIEN, NOWLY AWUL, Here Insert Name and Title of the Officer
personally appeared	ADOPAL VENCLATAL RIGHNAN
	Name(s) of Signer(s)
subscribed to the within instrument and ackn	tory evidence to be the person(s) whose name(s) is/are nowledged to me that he/she/they executed the same in by his/her/their signature(s) on the instrument the person(s), acted, executed the instrument.
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
OUD SAPPRASERT O'BRIEN COMM. #2223474 NOTARY PUBLIC-CALIFORNIA SAN FRANCISCO COUNTY My Comm. Expires Dec. 23, 2021	Signature Oll Carrol Signature of Notary Public
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Description of Attached Document	AART ASSIGNMENT CHALL Declaration
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Capacity(ies) Claimed by Signer(s) Signer's Name:	
☐ Corporate Officer — Title(s):	Corporate Officer — Title(s):
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact ☐ Guardian or Conservator	☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator
Other:	Other:
Signer Is Representing:	Signer Is Representing:

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U.S. Patent Appln. No. <u>15/942,342</u>	Client Docket No. 653-7003
Filing Date <u>March 30, 2018</u>	
Title of Invention: DYNAMIC QUERY ROUTING SYSTI	<u>EM</u>
Inventors: Rajhans Samdani, Pratyus Patnaik, Roc Rook, Ankit Goyal	pak Venkatakrishnan, Nathaniel Ackerman
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
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United States Patent Application numb	er <u>15/942,342</u> filed on <u>March 30, 2018</u> ; or
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I believe that I am the original inventor or an original application.	nal joint inventor of a claimed Invention in the
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under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.
Addam alex	056412018
Nathaniel Ackerman Rook	Date
WITNESSED BY: のぐららんと	Calgulation Witness (Signature)
	OUD SAMMASERT OWN

Page 7 of 8

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.		
State of California) County of <u>SAN FANCISCO</u>) On <u>OSCOU(1008</u> before me, <u>OUD</u> Date Dersonally appeared	SAPPASEAT O'GAIEN, NOWY PAINS, Here Insert Name and Title of the Officer (C) ACUSEA WAY, Name(s) of Signer(s)	
subscribed to the within instrument and acknowled his/her/their authorized capacity(les), and that by his/ or the entity upon behalf of which the person(s) acted to be a considered of the consideration of the considerat	evidence to be the person(s) whose name(s) is/are dged to me that he/she/they executed the same in /her/their signature(s) on the instrument the person(s), ed, executed the instrument. Descriffy under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph true and correct.	
SECTION NOTARY RUBLIC-CALIFORNIA S	ITNESS my hand and official seal. ignature Signature of Notary Public	
Place Notary Seal Above	·	
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Document Date:	Number of Pages:	
Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact Trustee Guardian or Conservator	Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other:	
Signer Is Representing:	Signer Is Representing:	

U.S. Patent Appln. No. <u>15/942,342</u>	Client Docket No. 653-7003
Filing Date March 30, 2018	
Title of Invention: <u>DYNAMIC QUERY ROUTING SYSTE</u>	<u>-M</u>
Inventors: Rajhans Samdani, Pratyus Patnaik, Roo Rook, Ankit Goyal	pak Venkatakrishnan, Nathaniel Ackerman
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acknowledge the duty to disclose to the US Patent	& Trademark Office all information known to
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under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.
	05/04/2018
Ankit Goyal	Date
WITNESSED BY: May 4 2028 Date	<u> Oulsyndegis</u> Witness (Signature)
	Witness (Signature) OOD SAPPLATION O'SAINN Witness (Printed Name)

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County of SAV FRANCISCO)		
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· ·	SAPPASENT O'BALEN NOVARY PUBLIC , Here Insert Name and Title of the Officer	
Date	AUUNT GOAL	
personally appeared	Name(s) of Signer(s)	
	varies or aigners	
subscribed to the within instrument and acknow	evidence to be the person(s) whose name(s) is/are reledged to me that he/she/they executed the same in his/her/their signature(s) on the instrument the person(s), cted, executed the instrument.	
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
Marketter der untverleben beschreiben der untsten der untstande und der untstand	WITNESS my hand and official seal.	
OUD SAPPRASERT O'BRIEN COMM. #2223474 COMM. #2223474 COMM. #2223474 COMM. #2223474 COMM. Expires Dec. 23, 2021 My Comm. Expires Dec. 23, 2021	Signature Oud Saymant 3 non	
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73 8	s form to an unintended document.	
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••	Number of Pages:	
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Capacity(ies) Claimed by Signer(s)		
Signer's Name:	Signer's Name:	
Corporate Officer — Title(s):		
☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact	☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact	
□ findividual □ Attorney in Fact □ Trustee □ Guardian or Conservator		
Other:	Other:	
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PATENT REEL: 045747 FRAME: 0432

RECORDED: 05/08/2018