503667795 01/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3714429

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MUMMOORTHY MURUGESAN	01/27/2016
JIANQIANG SHEN	01/26/2016
YAN QI	01/25/2016

RECEIVING PARTY DATA

Name:	TURN INC.
Street Address:	835 MAIN STREET
City:	REDWOOD CITY
State/Country:	CALIFORNIA
Postal Code:	94063

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15008338	

CORRESPONDENCE DATA

Fax Number: (408)228-3739

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: 510-900-9501

Email:docket@kwanip.comCorrespondent Name:KWAN & OLYNICK LLP

Address Line 1:2000 HEARST AVENUE, SUITE 305Address Line 4:BERKELEY, CALIFORNIA 94709

ATTORNEY DOCKET NUMBER:	TURNP535
NAME OF SUBMITTER:	AMBER LUNDY
SIGNATURE:	/Amber Lundy/
DATE SIGNED:	01/27/2016

Total Attachments: 6

source=TURNP535_Assignment_signed#page1.tif source=TURNP535_Assignment_signed#page2.tif source=TURNP535_Assignment_signed#page3.tif source=TURNP535_Assignment_signed#page4.tif

PATENT 503667795 REEL: 037602 FRAME: 0048

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ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

RESOURCE ESTIMATION FOR QUERIES IN LARGE-SCALE DISTRIBUTED DATABASE SYSTEM

(Atty, E	Docket No. TURNP535), (check one)				
	 ✓ for which I have executed a U.S. patent application on even date herewith. (Accompanying) ✓ which bears U.S. application No (Not accompanying) ✓ which is a U.S. provisional application. (Accompanying) 				
undersi	For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an gned inventor, hereby:				
disclose	Sell, assign and transfer to Turn Inc., a Delaware corporation, with offices at 835 Main Street, Redwood A 94063 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions ad in, applications based upon, and patents granted upon (including foreign patents and the right to claim, the above-referenced application.				
	Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting om said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the SSIGNEE.				
which a applicat	3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.				
	Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the NEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as the inventor's heirs, legal representatives and assigns.				
5) underst	Warrant and represent that I have not entered and will not enter into any assignment, contract, or anding that conflicts with this assignment.				
	Signed on the date indicated beside my signature				
1)	Signature: H.M. Moorthy Date: 0127 2016 Typed Name: Mummoorthy Murugesan				
Please	have two witnesses sign below:				
	a) Signature: ASTUN SING RI Date: 01/27/2016 Printed Name: ARTUN SING RI				
	b) Signature: Date: 01/27/2016 Printed Name: KAKAN MENDIKATTA				

2)	Signature:		Date:		
	Typed Name: Jianqia	ang Shen			
Pleas	e have two witnesses sig	n below:			
	a) Signature: Printed Name:			Date:	
	b) Signature: Printed Name:		***************************************	Date:	
3)	Signature: Typed Name: Yan Q	i	Date:	***************************************	***************************************
Pleas	e have two witnesses sig	n below:			
	a) Signature: Printed Name:			Date:	
	b) Signature: Printed Name:			Date:	

TURNP535 Page 2 of 2

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

RESOURCE ESTIMATION FOR QUERIES IN LARGE-SCALE DISTRIBUTED DATABASE SYSTEM

-					
	 ☐ for which I have executed a U.S. patent application on even d ☐ which bears U.S. application No (Not accompanying) Which is a U.S. provisional application. (Accompanying) 	ate herewith. (Accompanying) companying)			
	For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an indersigned inventor, hereby:				
City, CA disclose	Sell, assign and transfer to Turn Inc., a Delaware corporation, with offices at 835 Main Street, Redwood r, CA 94063 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions closed in, applications based upon, and patents granted upon (including foreign patents and the right to claim rity), the above-referenced application.				
from sai	2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.				
which a applicat	3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.				
ASSIGN	4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.				
	Warrant and represent that I have not entered and will not enter tanding that conflicts with this assignment.	into any assignment, contract, or			
	Signed on the date indicated beside my signature.				
,	Signature: Date: Typed Name: Mummoorthy Murugesan				
Please l	have two witnesses sign below:				
	a) Signature:Printed Name:	Date:			
	b) Signature:Printed Name:	Date:			

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(Atty. Docket No. TURNP535), (check one)

2)	Signature: Typed Name: Jianqiat	ng Shen Date:	01/	<u> 16/2</u> 016
Pleas	a have two witnesses sign	below:		
	a) Signature: Printed Name:	Sem obannell	Date:	01/26/2016
	b) Signature: Printed Name:	Ruskus Ren	Date:	0//26/2016
3)	Signature: Typed Name: Yan Qi	Date:		
Please	have two witnesses sign	below:		
	a) Signature: Printed Name:		Date:	<u> </u>
	b) Signature: Printed Name:		Date:	

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

RESOURCE ESTIMATION FOR QUERIES IN LARGE-SCALE DISTRIBUTED DATABASE SYSTEM

(Alty. Docket No. TURNP535), (check one)			
 ∑ for which I have executed a U.S. patent application on even date herewith. (Accompanying)			
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an indersigned inventor, hereby:			
Sell, assign and transfer to Turn Inc., a Delaware corporation, with offices at 835 Main Street, Redwood City, CA 94063 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.			
 Authorize and request the Commissioner of Patents to issue any and all United States from said application or any division, continuation, substitute, renewal, re-examination or reissu ASSIGNEE. 			
3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.			
4) Agree that the terms, covenants and conditions of this assignment shall inure to the bel ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon well as the inventor's heirs, legal representatives and assigns.			
5) Warrant and represent that I have not entered and will not enter into any assignment, c understanding that conflicts with this assignment.	, · · · · · · · · · · · · · · · · · · ·		
Signed on the date indicated beside my signature,			
1) Signature: Date: Typed Name: Mummoorthy Murugesan			
Please have two witnesses sign below:			
a) Signature: Date: Printed Name:			
b) Signature: Date: Printed Name:			

TURNP535

Page 1 of 2

2)	Signature:	Dat	e;
	Typed Name:	Jianqiang Shen	
Please	have two witnes	ses sign below:	
	a) Signato Printed Name:	ıre:	Date:
	b) Signatu Printed Name:	ıre:	Date:
3)	Signature: Typed Name:	Yan Qif Date	e: <u>01/25/</u> 2016
Please	have two witnes	ses sign below:	<i>t</i>
	a) Signatu Printed Name:	Ire: Lawrence Lo	Date:
	b) Signatu Printed Name:	rre: Yu Jin	Date:

TURNP535

RECORDED: 01/27/2016