#### 504070512 10/27/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4117179

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARNAD NANDI	10/21/2016
RYAN D. CLARK	10/25/2016
SIDDHARTHA CINGH ARORA	10/20/2016
BENJAMIN JAMES GASKA	10/20/2016

### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

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

Property Type	Number
Application Number:	15336225

### CORRESPONDENCE DATA

Fax Number: (303)357-1671

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: 303-357-1670

Email: cestell@merchantgould.com MERCHANT & GOULD P.C. **Correspondent Name:** 

Address Line 1: P.O. BOX 2903

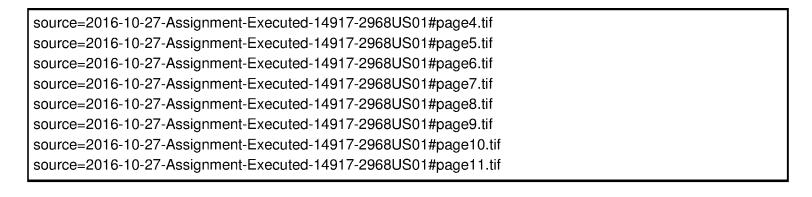
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

<b>ATTORNEY DOCKET NUMBER:</b> 14917.2968US01/360975.01	
NAME OF SUBMITTER:	KIRSTIN STOLL-DEBELL
SIGNATURE:	/Kirstin Stoll-DeBell/
DATE SIGNED:	10/27/2016

### **Total Attachments: 11**

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**PATENT REEL: 040153 FRAME: 0443** 504070512



PATENT REEL: 040153 FRAME: 0444

WE, <u>Arnad Nandi</u>, <u>Ryan D. Clark</u>, <u>Siddhartha Cingh Arora</u>, <u>and Benjamin James</u>
<u>Gaska</u> ("ASSICNORS") are the original inventors or an original joint inventors of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Determining Geolocation of IP Addresses Using User Transitions Over Time</u>" ("APPLICATION"), which:

LEGAL REPRESENTATIVES), to insert here in parentheses (fil on and given Applicati	
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was filed on and was given Application	
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right of priority, in the INVENTION and the APPLICATION (and all other applicated patents derived therefrom, such as continuing applications, in whole or in part for the United States, its territories, and all foreign countries ("APPLI DERIVATIVES"));  ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S REPRESENTATIVES to insert the Application No., filing date, and Office is following tables.	t, in and ICATION LEGAL
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Application No. Filing Date Office	

Page 1 of 3

PATENT ASSIGNMENT MS	Docket No.: 14917.2968US01/360975.01
acknowledged by the ASSIGNOR, th the ASSIGNEE, ASSIGNOR's entire an right of priority, in the INVENTION as patents derived therefrom, such as	onsideration, the receipt of which is hereby e ASSIGNOR hereby sells, assigns and transfers to dexclusive rights, title and interest, including the nd the APPLICATION (and all other applications and continuing applications, in whole or in part, in and pries, and all foreign countries ("APPLICATION
making and prosecution of the Al litigation regarding letters patent de	all instruments and documents required for the PPLICATION (and APPLICATION DERIVATIVES), for rived therefrom, and for the purpose of protecting ON (and APPLICATION DERIVATIVES).
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Inventor's Signature	21-067- 2016 Date
Inventor's Signature ARNAG NAMDI	
ARMAG NAMDI	Date Printed Name in Native Language

Printed Name in English

Printed Name in Native Language

(if other than English)

# PATENT ASSIGNMENT MS Docket No.: 14917.2968US01/360975.01 Inventor's Signature Date Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Printed Name in English

Printed Name in Native Language

(if other than English)

WE, Arnad Nandi, Ryan D. Clark, Siddhartha Cingh Arora, and Benjamin James
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matter ("INVENTION") disclosed and/or claimed in a patent application entitled
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ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

Docket No.: <u>14917.2968US01/360975.01</u>

PATENT ASSIGNMENT MS

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature  Ryan D. Clark	2016 - 10 - 25 Date
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Printed Name in English	Printed Name in Native Language
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	(ii other than English)
Inventor's Signature	Date
Printed Name in English	Printed Name in Native Language
	(if other than English)

nventor's Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date

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Inventor's Signature	
Siddhartha Cingh Arora Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	Date
Printed Name in English	Printed Name in Native Language (if other than English)

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Docket No.: 14917.2968US01/360975.01 PATENT ASSIGNMENT MS Date Inventor's Signature Printed Name in Native Language Printed Name in English (if other than English) 10/20/2016 Date Inventor's Signature Renjamin James Gaska Printed Name in English Printed Name in Native Language (if other than English) Inventor's Signature Date Printed Name in Native Language Printed Name in English (if other than English)

Printed Name in English

Printed Name in Native Language (if other than English)

Date

Inventor's Signature