PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANDEEP KUMAR	03/02/2020
SUDHEER KUMAR SANAPATI	03/02/2020
EDWIN MA	03/05/2020

RECEIVING PARTY DATA

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Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16809897

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ATTORNEY DOCKET NUMBER:	1030P66546US
NAME OF SUBMITTER:	BRIAN F. LEEGE
SIGNATURE:	/Brian F. Leege/
DATE SIGNED:	03/11/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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U.S. Patent Appln. No	Attorney Docket No. 1030P66546US
Filing Date	Client Docket No. P66546-US01
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Sandeep Kumar 410 Terry Avenue North Seattle, WA 98109-5210	
Sudheer Kumar Sanapati 410 Terry Avenue North Seattle, WA 98109-5210	
Edwin Ma 410 Terry Avenue North Seattle, WA 98109-5210	
Assignee: Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226	
AGREEMENT	
WHEREAS, ASSIGNOR(S) (list	ted above) are inventor(s) of an invention entitled
"CONSISTENT RESOURCE VISIBILITY	DURING INTER-CELLULAR MIGRATIONS USING TARGETED
PAIRWISE SCATTER-GATHER TECHNI	QUES" (Invention) for which a non-provisional application for
United States Letters Patent (Applica	ation):
was filed on	and accorded U.S. Application No; or
will be filed concurrently	y with the submission of this executed PATENT ASSIGNMENT
for recordation.	
ASSIGNOR/S) hereby authorizes	and requests ASSIGNEE'S legal representatives of

U.S. Patent Appln. No.	Attorney Docket No. 1030P66546US
Filing Date	Client Docket No. P66546-US01
Title of Invention: CONSISTENT RESOURCE VISIBILITY DURI USING TARGETED PAIRWISE SCATTER-GATHER TECHNIQUI	
Inventors: Sandeep Kumar, Sudheer Kumar Sanapati, Edv	vin Ma,
Nicholson Devos Webster & Elliott LLP, associated with (Customer No. 148241, to insert in the
header above and here in parentheses (U.S. Patent	: Application No, filed
) this application's U.S. application number an	d filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, 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

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U.S. Patent Appln. No. _____

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 1030P66546US

Filing Date _____ Client Docket No. P66546-US01

Title of Invention: CONSISTENT RESOURCE VISIBILITY DURING INTER-CELLULAR MIGRATIONS

USING TARGETED PAIRWISE SCATTER-GATHER TECHNIQUES

Inventors: Sandeep Kumar, Sudheer Kumar Sanapati, Edwin Ma,

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.

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U.S. Patent Appln. No.	Attorney Docket No. 1030P66546US
Filing Date	Client Docket No. P66546-US01
Title of Invention: CONSISTENT RESOURCE VISIBIL USING TARGETED PAIRWISE SCATTER-GATHER TE	
Inventors: Sandeep Kumar, Sudheer Kumar Sana	pati, Edwin Ma,
DECLARATION As a below named inventor, I hereby declare that	;
This declaration is directed to:	
igstyle igstyle igstyle the attached application; or	
United States Patent Application num	ber filed on; or
PCT International Application number	filed on
The above-identified application was made or aut	thorized to be made by me.
I believe that I am the original inventor or an orig application.	inal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of t	he above-identified application, and
acknowledge the duty to disclose to the US Paten	t & Trademark 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 staten under 18 USC 1001 by fine or imprisonment of no	·
Sandy Eumar/ 8888584EA2D8487	
Sandeep Kumar	
March 2, 2020	
Date	

U.S. Patent Appln. No	Attorney Docket No. 1030P66546US
Filing Date	Client Docket No. P66546-US01
Title of Invention: CONSISTENT RESOURC USING TARGETED PAIRWISE SCATTER-GA	E VISIBILITY DURING INTER-CELLULAR MIGRATIONS THER TECHNIQUES
Inventors: Sandeep Kumar, Sudheer Kun	nar Sanapati, Edwin Ma,
<u>DECLARATION</u> As a below named inventor, I hereby decla	ire that:
This declaration is directed to:	
igstyle igstyle igstyle the attached application; or	
United States Patent Application	on number filed on; or
PCT International Application	number filed on
The above-identified application was made	e 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.	
I have reviewed and understand the conte	nts of the above-identified application, and acknowledge
the duty to disclose to the US Patent & Tra	demark 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 no	ot more than five (5) years, or both.
DocuSigned by:	
/Sudheer teumar Sanapati/	
Sudheer Kumar Sanapati	
March 2, 2020	
Date	

U.S. Patent Appln. No	Attorney Docket No. 1030P66546US
Filing Date	Client Docket No. P66546-US01
Title of Invention: CONSISTENT RESOURCE VISI USING TARGETED PAIRWISE SCATTER-GATHER	
Inventors: Sandeep Kumar, Sudheer Kumar Sa	napati, Edwin Ma,
DECLARATION As a below named inventor, I hereby declare tha	t:
This declaration is directed to:	
the attached application; or	
United States Patent Application nur	nber; or
PCT International Application number	er filed on
The above-identified application was made or au	athorized to be made by me.
I believe that I am the original inventor or an orig	ginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	the above-identified application, and acknowledge
the duty to disclose to the US Patent & Tradema	rk Office all information known to me to be
material to the patentability as defined in 37 CFF	t 1.56.
I hereby acknowledge that any willful false state 18 USC 1001 by fine or imprisonment of not mor	ment made in this declaration is punishable under re than five (5) years, or both.
——Docusigned by: /Elwin Ma/ ——F398F79E500D4E2	
Edwin Ma	
March 5, 2020	
Date	

Page 6 of 6