## 506568002 03/22/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6614781

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TIPU SALEEM QURESHI	03/17/2021
DIWAKAR GUPTA	03/17/2021
UPENDRA BHALCHANDRA SHEVADE	03/17/2021

### **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:	17206028

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	170120-1090
NAME OF SUBMITTER:	THOMAS B. HILDEBRANDT
SIGNATURE:	/Thomas B. Hildebrandt/
DATE SIGNED:	03/22/2021

## **Total Attachments: 6**

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PATENT 506568002 REEL: 055674 FRAME: 0639

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U.S. Patent Appln. No. <u>17/206,028</u> Filing Date 3-18-2021 Attorney Docket No. 170120-1090 Client Docket No. P73419-US01

#### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Tipu Saleem Qureshi 410 Terry Avenue North Seattle, WA 98109-5210

Diwakar Gupta 410 Terry Avenue North Seattle, WA 98109-5210

Upendra Bhalchandra Shevade 410 Terry Avenue North Seattle, WA 98109-5210

#### Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

### **AGREEMENT**

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

"DEMAND-BASED ALLOCATION OF EPHEMERAL RADIO-BASED NETWORK RESOURCES"

(Invention) for which a non-provisional application for United States Letters Patent (Application):

was filed on \_\_\_\_\_\_ and accorded U.S. Application No. \_\_\_\_\_\_; or

will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for recordation. ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Thomas Horstemeyer, LLP, associated with Customer No. 71247, to insert in the header above and here in parentheses (U.S. Patent Application No. \_\_\_\_\_\_\_\_) filed \_\_\_\_\_\_\_\_) this application's U.S. application number and filing date, when known.

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U.S. Patent Appln. No. <u>17/206,028</u>

Filing Date 3-18-2021

Attorney Docket No. 170120-1090

Client Docket No. P73419-US01

Title of Invention: DEMAND-BASED ALLOCATION OF EPHEMERAL RADIO-BASED NETWORK

RESOURCES

Inventors: Tipu Saleem Qureshi, Diwakar Gupta, Upendra Bhalchandra Shevade,

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

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.

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U.S. Patent Appln. No. 17/206,028

Filing Date 3-18-2021

Attorney Docket No. 170120-1090

Client Docket No. P73419-US01

Title of Invention: DEMAND-BASED ALLOCATION OF EPHEMERAL RADIO-BASED NETWORK

**RESOURCES** 

Inventors: Tipu Saleem Qureshi, Diwakar Gupta, Upendra Bhalchandra Shevade,

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. <u>17/206,028</u> Filing Date <u>3-18-2021</u>		Attorney Docket No. 170120-1090 Client Docket No. P73419-US02
Title of Invention: DEMAND-BASED ALLOG RESOURCES	CATION OF EPHEME	ERAL RADIO-BASED NETWORK
Inventors: Tipu Saleem Qureshi, Diwakar	Gupta, Upendra Bl	halchandra Shevade,
DECLARATION As a below named inventor, I hereby decl	are that:	
This declaration is directed to:		
igotimes the attached application; or		
United States Patent Applicati	on number	filed on; or
PCT International Application	number	filed on
The above-identified application was mad	le or authorized to	be made by me.
I believe that I am the original inventor or	an original joint in	ventor of a claimed Invention in the
application.		
	. 6.1	
I have reviewed and understand the control		
acknowledge the duty to disclose to the L		
me to be material to the patentability as o	Jetined in 37 CFR 1	56.
I hereby acknowledge that any willful fals	e statement made	in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	nt of not more tha	n five (5) years, or both.
Gare Piana A Inn		
Tipu Saleem Qureshil		
B30a4vatittisBC		
Tipu Saleem Qureshi		
March 17, 2021		
Date		

U.S. Patent Appln. No. <u>17/206,028</u> Filing Date <u>3-18-2021</u>	Attorney Docket No. 170120-1090 Client Docket No. P73419-US01		
Title of Invention: DEMAND-BASED ALLOC RESOURCES	CATION OF EPHEN	MERAL RADIO-BASED I	NETWORK
Inventors: Tipu Saleem Qureshi, Diwakar	Gupta, Upendra I	Bhalchandra Shevade,	,
DECLARATION As a below named inventor, I hereby declar	re that:		
This declaration is directed to:			
igotimes the attached application; or			
United States Patent Applicatio	n number	filed on	; or
PCT International Application n	umber	filed on	ين.
The above-identified application was made	or authorized to l	oe made by me.	
I believe that I am the original inventor or a	ın original joint inv	ventor of a claimed Inv	ention in the
application.			
I have reviewed and understand the conter	nts of the above-io	dentified application, a	nd acknowledge
the duty to disclose to the US Patent & Trac	demark Office all i	nformation known to I	me to be
material to the patentability as defined in 3	7 CFR 1.56.		
I hereby acknowledge that any willful false	statement made i	n this declaration is no	inishahle under
18 USC 1001 by fine or imprisonment of no		_	mishable affact
18 03c 1001 by fine of imprisorment of no	emore than hive t	of years, or both.	
CocuSigned by:			
Niwakar Guptal			
Diwakar Gupta			
March 17, 2021			
Date			

I.S. Patent Appln. No. 17/206,028 Attorney Docket No. 170126 Attorney Docket No. 170126 Client Docket No. P73419			
Title of Invention: DEMAND-BASED ALLOCRESOURCES	CATION OF EPHE	MERAL RADIO-BASED I	NETWORK
Inventors: Tipu Saleem Qureshi, Diwakar	Gupta, Upendra	Bhalchandra Shevade,	
DECLARATION As a below named inventor, I hereby declar	re that:		
This declaration is directed to:			
igotimes the attached application; or			
United States Patent Application	n number	filed on	; or
PCT International Application n	umber	filed on	<u>ئ</u>
The above-identified application was made	or authorized to	be made by me.	
I believe that I am the original inventor or a application.	n original joint in	ventor of a claimed Inv	ention in the
I have reviewed and understand the conte	nts of the above-i	dentified application, a	nd acknowledge
the duty to disclose to the US Patent & Tra-	demark Office all	information known to r	me to be
material to the patentability as defined in 3	37 CFR 1.56.		
I hereby acknowledge that any willful false	statement made	in this declaration is pu	ınishable under
18 USC 1001 by fine or imprisonment of no	t more than five (	(5) years, or both.	
/Upendra Bhalchandra Shevade/			
Upendra Bhalchandra Shevade			
March 17, 2021			
Date			

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PATENT REEL: 055674 FRAME: 0646

**RECORDED: 03/22/2021**