506161882 07/20/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MOHAMMAD MAMUNUR RASHID	07/17/2020
BULIN ZHANG	07/17/2020
DEEPAK .	07/17/2020
ALI MASOOMZADEH	07/17/2020
BAOSHENG LI	07/17/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16933248

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ATTORNEY DOCKET NUMBER:	33350.310 (L0310)
NAME OF SUBMITTER:	KEVIN O. GRANGE
SIGNATURE:	/Kevin O. Grange/
DATE SIGNED:	07/20/2020

Total Attachments: 9

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PATENT REEL: 053254 FRAME: 0685

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U.S. Patent Appln. No.	Attorney Docket No. 33350.310 (L0310)
Filing Date	Client Docket No. P70569-US01
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Assignorist.	
Mohammad Mamunur Rashid	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Bulin Zhang	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Deepak	
410 Terry Avenue North	
Seattle, WA 98109-5210	
Ali Masoomzadeh	
410 Terry Avenue North Seattle, WA 98109-5210	
Seattle, WM 36103-3210	
Baosheng Li	
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 in	ventor(s) of an invention entitled
"COODDINATED AAAC ECHEDHING OF HALF OUR	CEV COSTONNES TERMAINDAIC ON CATEDITE
"COORDINATED MAC SCHEDULING OF HALF-DUP	LEX COSTOINER TERMINALS IN SATELLITE
INTERNET SYSTEMS" (Invention) for which a non-pro	visional application for United States Letters
Patent (Application):	
[m] was filed on and accorded.)	EC Annibertion No.
was filed on and accorded \t	7.5. Application No; Of

Page 1 of 9

U.S. Patent Appln. No Filing Date	Attorney Docket No. 33350.310 (L0310) Client Docket No. P70569-U501
Title of Invention: COORDINATED MAC SCHE IN SATELLITE INTERNET SYSTEMS	DULING OF HALF-DUPLEX CUSTOMER TERMINALS
Inventors: Mohammad Mamunur Rashid, Bu	lin Zhang, Deepak, Ali Masoomzadeh, Baosheng Li
will be filed concurrently with th	e submission of this executed PATENT ASSIGNMENT
for recordation. ASSIGNOR(S)	nereby authorizes and requests ASSIGNEE'S legal
representatives, of Lowenstein S	andler LLP, associated with Customer No. 171498, 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	

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,

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Filing Date

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 33350.310 (L0310) U.S. Patent Appln. No. Client Docket No. P70569-US01

Title of Invention: COORDINATED MAC SCHEDULING OF HALF-DUPLEX CUSTOMER TERMINALS IN SATELLITE INTERNET SYSTEMS

Inventors: Mohammad Mamunur Rashid, Bulin Zhang, Deepak, Ali Masoomzadeh, Baosheng Li

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.

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

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U.S. Patent Appin. No Filing Date	Attorney Docket No. 33350.310 (L0310) Client Docket No. P70569-US01
Title of Invention: COORDINATED MAC SCHEDUL IN SATELLITE INTERNET SYSTEMS	ING OF HALF-DUPLEX CUSTOMER TERMINALS
Inventors: Mohammad Mamunur Rashid, Bulin 2	hang, Deepak, Ali Masoomzadeh, Baosheng Li
and enforce proper patent protection for the I	nvention in all countries. These provisions are
binding upon ASSIGNOR's heirs, legal representa	tives, administrators, and assigns.

U.S. Patent Appln. No Filing Date		Attorney Docket No. 33 Client Docket N	3350.310 (L0310) No. P70569-US01
Title of Invention: COORDINATED MAC SO IN SATELLITE INTERNET SYSTEMS	CHEDULING OF F	HALF-DUPLEX CUSTOME	ER TERMINALS
Inventors: Mohammad Mamunur Rashid	, Bulin Zhang, De	epak, Ali Masoomzade	h, Baosheng Li
<u>DECLARATION</u> As a below named inventor, I hereby dec	lare that:		
This declaration is directed to:			
🔀 the attached application; or			
United States Patent Applicat	don number	filed on	; or
PCT International Application	number	filed on	`
The above-identified application was ma	de or authorized	to be made by me.	
I believe that I am the original inventor o application.	r an original join	t inventor of a claimed	Invention in the
I have reviewed and understand the cont	tents of the abov	re-identified application	n, and
acknowledge the duty to disclose to the	US Patent & Trac	demark Office all inform	nation known to
me to be material to the patentability as	defined in 37 CF	R 1.56.	
I hereby acknowledge that any willful fal:	se statement ma	de in this declaration is	punishable
under 18 USC 1001 by fine or imprisonme	ent of not more	than five (5) years, or b	oth.
Mohammad Mamuhur Kashid/			
Mohammad Mamunur Rashid			
July 17, 2020			
Date	r		

Filing Date	Attorney Docket No. 33350.310 (L0310 Client Docket No. P70569-U50		
Title of Invention: COORDINATED MAC SO IN SATELLITE INTERNET SYSTEMS	HEDULING OF	HALF-DUPLEX CUSTOR	MER TERMINALS
Inventors: Mohammad Mamunur Rashid,	Bulin Zhang, D	eepak, Ali Masoomza	deh, Baosheng Li
<u>DECLARATION</u> As a below named inventor, I hereby decla	re 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 r	number	filed on	·
The above-identified application was made	e or authorized t	to be made by me.	
I believe that I am the original inventor or a	an original joint	inventor of a claimed I	nvention 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 a	ll information known t	o me to be
material to the patentability as defined in 3	37 CFR 1.56.		
I hereby acknowledge that any willful false	statement mad	e in this declaration is	punishable under
18 USC 1001 by fine or imprisonment of no	ot more than five	e (5) years, or both.	
——CocuSigned by:			
18 Win Grand - A79024241188438			
Bulin Zhang			
ouly 17, 2020			
Date			

U.S. Patent Appln. No Filing Date	At	torney Docket No. 3 Client Docket	3350.310 (L0310) No. P70569-U501
Title of Invention: COORDINATED MAC SO	CHEDULING OF HA	LF-DUPLEX CUSTOM	ER TERMINALS
Inventors: Mohammad Mamunur Rashid	, Bulin Zhang, Dee	pak, Ali Masoomzad	eh, Baosheng Li
DECLARATION As a below named inventor, I hereby declaration	are that:		
This declaration is directed to:			
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	e or authorized to t	oe made by me.	
I believe that I am the original inventor or application.	an original joint inv	entor of a claimed In	vention in the
I have reviewed and understand the conte	ents of the above-id	lentified application,	and acknowledge
the duty to disclose to the US Patent & Tra	ademark Office all i	nformation known to	me to be
material to the patentability as defined in	37 CFR 1.56.		
I hereby acknowledge that any willful false	a statement made i	n this declaration is p	unishable under
18 USC 1001 by fine or imprisonment of n	ot more than five (5) years, or both.	
DocuSigned by:			
//VUfak/ F688A12D9FB496.			
Deepak			
July 17, 2020			
Date	v		

V.S. Patent Appln. No Filing Date	Attorney Docket No. 33350.310 (L0310) Client Docket No. P70569-US01		
Title of Invention: COORDINATED MAC SO IN SATELLITE INTERNET SYSTEMS	CHEDULING OF	HALF-DUPLEX CUSTOR	MER TERMINALS
Inventors: Mohammad Mamunur Rashid	, Bulin Zhang, D	leepak, Ali Masoomzad	deh, Baosheng Li
<u>DECLARATION</u> As a below named inventor, I hereby declar	are that:		
This declaration is directed to:			
ithe 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 I	nvention in the
application.			
I have reviewed and understand the conte	nts of the above	e-identified application	, and acknowledge
the duty to disclose to the US Patent & Tra	idemark Office a	all information known t	o me to be
material to the patentability as defined in	37 CFR 1.56.		
I hereby acknowledge that any willful false	: statement mac	le in this declaration is	punishable under
18 USC 1001 by fine or imprisonment of ne	ot more than fiv	e (5) years, or both.	
Docusioned by: / Ali Masoom-gadell/			
Ali Masoomzadeh			
July 17, 2020			
Date			

U.S. Patent Appln. No Filing Date	Attorney Docket No. 33350.310 (L0310) Client Docket No. P70569-U501		
Title of Invention: COORDINATED MAC SO IN SATELLITE INTERNET SYSTEMS	CHEDULING OF I	HALF-DUPLEX CUSTON	MER TERMINALS
Inventors: Mohammad Mamunur Rashid	, Bulin Zhang, De	eepak, Ali Masoomzac	leh, Baosheng Li
DECLARATION As a below named inventor, I hereby declar	are that:		
This declaration is directed to:			
ithe 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 t	o be made by me.	
I believe that I am the original inventor or application.	an original joint i	nventor of a claimed I	nvention in the
I have reviewed and understand the conte	ents of the above	-identified application,	and acknowledge
the duty to disclose to the US Patent & Tra	idemark Office a	ll information known t	o me to be
material to the patentability as defined in	37 CFR 1.56.		
I hereby acknowledge that any willful false	statement mad	e in this declaration is	punishable under
18 USC 1001 by fine or imprisonment of no	ot more than five	e (5) years, or both.	
Docusigned by:			
(Baosheng Lil			
B608C472867B423			
Baosheng Li			
July 17, 2020			
Date	r		

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