505456172 05/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5502975

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIANHAN LIU	04/30/2019
YONGHO SEOK	04/30/2019
CHAO-CHUN WANG	04/30/2019
JAMES JUNE-MING WANG	05/01/2019
JAMES CHIH-SHI YEE	04/30/2019
THOMAS EDWARD PARE JR.	04/30/2019

RECEIVING PARTY DATA

Name:	MEDIATEK SINGAPORE PTE. LTD.	
Street Address:	NO. 1, FUSIONOPOLIS WALK, #03-01	
City:	SOLARIS	
State/Country:	SINGAPORE	
Postal Code:	138628	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16400826	

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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: 408-938-9060

officeaction@mhbpatents.com Email:

MEDIATEK, INC. C/O MURABITO, HAO & BARNE **Correspondent Name:**

111 NORTH MARKET STREET Address Line 1:

Address Line 2: SUITE 700

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	MEDT-0045-01U00US
NAME OF SUBMITTER:	NING LI
SIGNATURE:	/Ning Li/
DATE SIGNED:	05/01/2019

PATENT REEL: 049054 FRAME: 0585 505456172

Total Attachments: 4

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PATENT REEL: 049054 FRAME: 0586

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Attorney Docket No.: MEDT-0045-01U00US

Assignment to MEDIATEK SINGAPORE PTE. LTD.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Jianhan Liu, Yongho Seok, Chao-Chun Wang, James June-Ming Wang, James Chih-Shi Yee, Thomas
Edward Pare, Jr., Yungping Hsu

do hereby sell, assign, and transfer unto MEDIATEK SINGAPORE PTE. LTD. (hereinafter called MEDIATEK), a Corporation of the Republic of China having its principal place of business at No. 1, Fusionopolis Walk, #03-01 Solaris, Singapore 138628, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

COOPERATIVE MULTI-BAND OPERATION SCHEMES IN WIRELESS LOCAL AREA NETWORKS

X filed herewith and United States ar	d the inventions set forth and described ther nd of countries foreign thereto which may be	ein, and any and granted thereon	all Letters Patent of the or therefor; or
Serial No.: and described th which may be gra	filed on lerein, and any and all Letters Patent of the anted thereon or therefor;	United States a	and the inventions set forth and of countries foreign thereto
application, whether desirable fully to sec described in said appl and to cooperate and adjudication or reexar	nsideration, I/we agree promptly upon reques, to execute and deliver without further cooriginal, continuation, divisional or reissue ure to MEDIATEK SINGAPORE PTE. LTI lication and all patent rights therein, in the Lassist in the prosecution of interference promination of said Letters Patent provided the ion and assistance are paid by MEDIATEK.	mpensation any , or other paper D., its successo Inited States and roceedings invol	power of attorney, assignment, is which may be necessary or its and assigns, the inventions in any country foreign thereto, ving said inventions and in the high may be incurred by me/us in
I/we further covenant with MEDIATEK SINGAPORE PTE. LTD., its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;			
In witness whereof, I/w	e hereunto set my/our hand(s) and seal:	,	
Inventor's Signature:	Jianban Liu	Date:	04/30/2019
Inventor's Signature:	Yongho Seok	Date;	04/30/2019
Inventor's Signature:	Chao-Chun Wang	Date:	117 (PRIO) (117)
Inventor's Signature:	James June-Ming Wang	Date	

PATENT REEL: 049054 FRAME: 0587

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Altomey Docket No.: MEDT-0045-01U00US

Assignment to MEDIATEK SINGAPORE PTE. LTD.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged. I/we
Jianhan Liu, Yongho Seok, Chao-Chun Wang, James June-Ming Wang, James Chih-Shi Yee, Thomas
Edward Pare, Jr., Yungping Hsu

do hereby sell, assign, and transfer unto MEDIATEK SINGAPORE PTE. LTD (hereinafter called MEDIATEK), a Corporation of the Republic of China having its principal place of business at No. 1. Fusionopolis Walk, #03-01 Solaris. Singapore 138628, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

COOPERATIVE MULTI-BAND OPERATION SCHEMES IN WIRELESS LOCAL AREA NETWORKS

X filed herewith an United States a	id the inventions set forth and d nd of countries foreign thereto v	escribed therein, and any and which may be granted thereon i	ell Letters Patent of the or therefor, or
Serial No.: and described the which may be gr	filed on nerein, and any and all Letters anted thereon or therefor,	Patent of the United States an	and the inventions set forth id of countries foreign thereto
successors or assign application, whether desirable fully to sec described in said append to cooperate and adjudication or reexer lending such cooperate. I/we further covena representatives that no herein conveyed has	ensideration, I/we agree prompts, to execute and deliver withoriginal, continuation, divisions are to MEDIATEK SINGAPORALISM and all patent rights the lassist in the prosecution of infination of said Letters Patention and assistance are paid by the with MEDIATEK SINGAFO assignment, grant, mortgage, been made to others by the undersigned;	out further compensation any pal or reissue, or other papers RE PTE, LTD., its successors rein, in the United States and atterference proceedings involv. provided the expenses which MEDIATEK SINGAPORE PTE PORE PTE. LTD., its successes or other agreement of	rower of attorney, assignment, which may be necessary or and assigns, the inventions in any country foreign thereto, ing said inventions and in the may be incurred by me/us in LTD. Dessors, assigns, and legal fecting the rights and property
In witness whereof, I/v	ve hereunto set my/our hand(s)	and seal:	
Inventor's Signature:	Jianhan Liu	Date:	
Inventor's Signature:	Yonaho Seok 🗷	Date:	en tre la companya de
inventor's Signature.	Shao-Chun Wang	Date:	04/30/19
nventor's Signature:	James June-Milno Wapo	Date:	

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Assignment to MEDIATEK SINGAPORE PTE. LTD.

In consideration of good and valuable consideration, receipt of which is hereby ephnowledged, I/wa Jianhan Liu, Yongho Seok, Chao-Chun Wang, James June-Ming Wang, James Chih-Shi Yee, Thomas Edward Pare, Jr., Yungping Hsu do hereby self, assign, and transfer unto MEDIATEK SINGAPORE PTE, LTD. (hereinafter called MEDIATEK), a Corporation of the Republic of China having its principal place of business at No. 1, Fusionopolis Walk, #03-01 Solaris, Singapore 138620, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled: COOPERATIVE MULTI-BAND OPERATION SCHEMES IN WIRELESS LOCAL AREA NETWORKS X filled herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, or Serial No.: filed on and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor: And for the above consideration, live agree promptly upon request of MEDIATEK SINGAPORE PTE, LTD., its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to MEDIATEK SINGAPORE PTE. LTD., its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto. and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by metus in lending such cooperation and assistance are paid by MEDIATEK SINGAPORE PTE, LTD. liwe further covenant with MEDIATEK SINGAPORE PTE. LTD., its successors, assigns, and legal representatives that no assignment, grant, montgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; in witness whoreof, I/we hereunto set my/our hand(s) and seal: Inventor's Signature: Dale: Jianhan Liu Dele. Inventor's Signature: Youtho Seek Date: Inventor's Signature: Chao-Chun Wang

Page 1 of 2

Inventor's Signature:

James June-Ming Wang

ias suateas

Date:

Inventor's Signature:		Date:	Am 1.36 229
Inventor's Signature:	Fhomas Edward Pare, Jr.	Date:	4/30/2019
Inventor's Signature:	Yungping Hsu		1
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