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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASS	SIGNMENT		
NATURE OF CONVE	ANCE: ASSIGNM	ASSIGNMENT		
CONVEYING PARTY	DATA			
	Name		Execution Date	
PENG CHENG			12/06/2018	
CHAO WEI			12/06/2018	
RECEIVING PARTY	DATA			
Name:	QUALCOMM INCORPO	ORATED		
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16630180

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NAME OF SUBMITTER:	RE	BECCA GOLDEN
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DATE SIGNED:	01/	/10/2020
Total Attachments: 3		
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ASSIGNMENT	转让协议
WHEREAS, WE	
1. <u>CHENG, Peng</u> , a citizen of <u>CN</u> , having mailing address located at <u>5775 Morehouse Drive</u> <u>San Diego, California 92121-1714, U.S.A</u> .; and resident of <u>CN</u> ,	$a \begin{vmatrix} 1. \\ \pm \underline{R} \end{vmatrix}$, <u>$+ \underline{R}$</u> , $- \underline{R} $,
2. <u>WEI, Chao</u> a citizen of <u>CN</u> , having a mailing address located at <u>5775 Morehouse Drive</u> <u>San Diego, California 92121-1714, U.S.A</u> .; and a resident of <u>CN</u> ,	一 非 美国加利福尼亚加又纳亚可萨克姓马
have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to <u>NPRACH</u> <u>HAVING IMPROVED RELIABILITY</u> <u>PERFORMANCE</u> (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and	机器、制品、设计、物质成分、发明、 发现,或者新的或有用的改进(统称 "发明"),我们对这种发明提出和/或
WHEREAS, Qualcomm Incorporated (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121- 1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all patent applications therefore, and all patents that have granted or may be granted hereafter thereon, including but not limited o those identified below.	鉴于,高通公司(以下简称"受让 人"),一家特拉华州的公司,营业地 在美国加利福尼亚州圣地亚哥魔豪斯道 5775号,邮编92121-1714,希望获得或 以其他方式取得所述发明的所有权利、 所有权和权益,包括其所有专利申请和 所有已授权或此后由其可能被授权的专 利,包括但不限于下面确定的那些专 利。
ave sold, assigned, conveyed, and transferred, and y these presents do hereby sell, assign, convey, and ansfer, unto ASSIGNEE, its successors, its legal presentatives, and its assigns, the entire right, title, and interest throughout the world in and to said	因此,基于我们确认收到的有价值 的对价,我们在此认可,我们已经出 售、转让、转送、转移,以及据此陈述 确实出售、转让、转送以及转移所述发 明的在全世界的所有权利、所有权和权 益予受让人、其继任者、其合法代表 人、及其受让者,包括所有基于所述发

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hereafter for said INVENTIONS including but n limited to International Patent Cooperation Treat Application No(s). <u>PCT/CN2018/101506</u> , file on <u>August 21, 2018</u> , Docket No. <u>175864W02</u> which claims priority to International Applicatio No. <u>PCT/CN2017/098318</u> , filed on <u>August 21</u> <u>2017</u> , Docket No. <u>175864W01</u> , (and do hereb authorize ASSIGNEE and its representative t hereafter add herein such application number(s and/or filing date(s) when known), and all rights o priority under International Conventions, Treaties and Agreements, all utility applications, nationa phase applications, utility model applications divisional applications, renewal applications continuation applications, continuation-in-par	y d d d d d d d d d d d d d
applications, patent of addition applications confirmation applications, validation applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon;	, 请、实用新型申请、分案申请、续展申 请、继续申请、部分继续申请、附属申 请专利、证实申请、有效申请和外观设
AND WE DO HEREBY authorize and request any Official of any country or countries whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;	我们在此授权并请求任何国家的任何公务人员,其职责是对提交的申请颁 何公务人员,其职责是对提交的申请颁 发专利或注册的,基于本法律文书的条款,颁发所述发明的所有专利给所述受 让人、其继任者、其合法代表人及其受 让者;
royalties to which WE may be entitled, or that WE may collect for any infringement or from any	我们在此出售、转让、转送、并转 移给所述受让人、其继任者、其合法代 表人及其受让人,由于妨碍在此转让的 权利(在转让给所述受让人日之前已产 生的或可能已产生的、或可能随后所产 生的)而产生的或与其有关的,要求全 部损害的赔偿或补偿的权利,包括但不 限于起诉寻求、获取、收集、恢复、持 有损害赔偿及任何正在进行或预期的许 可使用费的权利,这些损害赔偿及许可

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patents before or after issuance;	使用费是我们可能有权或我们可能收取
	的与任何所述专利有关的在其颁发前或
	颁发后由于侵权或来自任何调解或和解
	的损害赔偿及许可使用费;
AND WE HEREBY covenant and agree that	
WE will communicate promptly to said ASSIGNEE,	我们在此承诺并同意,我们将就我
its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all	们所知的关于所述发明的任何事实与所
	述 受让人 、其继任者、其合法代表人、
	及其受让者及时沟通,并在任何需要的
applications and certificates, make all rightful	法律程序中作证、签署全部合法文件、
declarations and/or oaths, and provide all lawful	签署所有申请书和证书、做出所有正确
assistance to said ASSIGNEE, its successors, its	的声明和/或宣誓、并向所述受让人、其
legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;	继任者、其合法代表人、及其受让者提供。
	供一切合法的援助,以在所有国家获得
	和实施所述发明的专利保护;
AND WE HEREBY covenant that WE will	我们在此承诺,我们不会签署任何
not execute any writing or do any act whatsoever conflicting with these presents;	与这些陈述相冲突的书面文件或有任何
	与这些陈述相冲突的行为;
AND WE agree this ASSIGNMENT shall be	我们同意,本转让协议依据美国加
interpreted under the laws of the State of California,	利福尼亚州法律解释。如果本协议的中
and that in case of a discrepancy between the	英文文本内容不一致, 以英文文本为
English version and the Chinese version of this	准。
agreement, the English version shall prevail.	
1 CHENC Dong	Deng Chowf

1. CHENG, Peng

Done at $\frac{\text{Beij[in]}}{\text{Cit}}$, State] this \underline{b} day of $\frac{1}{(M, \pi)} = \frac{1}{208} \pm \frac{1}{12} = \frac{1}{208} \pm \frac{$

2. WEI, Chao

Done at 12/1/2[City, State] this 6th day of peceuler 2078.

Signature

Signature Chao Ule,

于<u>2018年12月</u>6日签署于<u>1</u>12月

PATENT **REEL: 051479 FRAME: 0092**