PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JUEJIA ZHOU	04/15/2019
MING ZHANG	04/15/2019

RECEIVING PARTY DATA

Name:	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.	
Street Address:	RM 01, 9F, RAINBOW CITY SHOPPING MALL II OF CHINA RESOURCES, #68, QINGHE MID ST. HAIDIAN DIST.	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100085	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16348786	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	165308.00030
NAME OF SUBMITTER:	HAO TAN
SIGNATURE:	/Hao Tan/
DATE SIGNED:	06/30/2019

Total Attachments: 3

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PATENT 505551485 REEL: 049633 FRAME: 0677

Case No. 165308.00030

COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS, <u>Juejia ZHOU</u> and <u>Ming ZHANG</u> hereinafter called the "Assignor," has made the invention described in the United States patent application entitled METHOD AND APPARATUS FOR TRANSMITTING AND OBTAINING UPLINK HARQ FEEDBACK.

executed by Assignor on the same date as, or on a date prior to, this Assignment;

WHEREAS, <u>Beijing Xiaomi Mobile Software Co., Ltd.</u>, a corporation organized and existing under the laws of P.R. China, having a place of business at <u>Rm 01, 9F</u>, <u>Rainbow City Shopping Mall II of China Resources</u>, 68 Qinghe Middle St, Haidian Dist <u>Beijing 100085</u>, <u>CN</u>, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, be it known that, for good and valuable consideration the receipt of which by the Assignor from Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the

PATENT REEL: 049633 FRAME: 0678 prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DECLARATION

As the below-named inventor, I hereby declare that:

This Declaration is directed to the attached application. I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me.

I acknowledge my duty to disclose to the United States Patent and Trademark Office all information that I know to be material to the patentability of this application as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Further, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

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DATE:	4/15/2019	Inventor Signature	Zhon Tuejie
			Juejia ZHOU
DATE: ,	4/15/2017		Zhang Ming
			Ming ZHANG