PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6625629

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FUYE WANG	03/25/2021
XIAOBING MAO	03/25/2021
ZENGHUI LIU	03/25/2021

RECEIVING PARTY DATA

Name:	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.	
Street Address: NO.018, FLOOR 8, BUILDING 6, YARD 33		
Internal Address: MIDDLE XIERQI ROAD, HAIDIAN DISTRICT		
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	100085	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17214121

CORRESPONDENCE DATA

Fax Number: (312)614-1873

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: 3125581368

Email: kimberly@archlakelaw.com

Correspondent Name: ARCH & LAKE LLP

Address Line 1: 203 N. LASALLE STREET

Address Line 2: SUITE 2100

Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	163849.00178	
NAME OF SUBMITTER:	SHEN WANG	
SIGNATURE:	/Shen Wang/	
DATE SIGNED:	03/26/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 9

PATENT REEL: 055739 FRAME: 0221

506578848

source=Assignment#page1.tif	
source=Assignment#page2.tif	
1 ' '	
source=Assignment#page3.tif	
source=Assignment#page4.tif	
source=Assignment#page5.tif	
source=Assignment#page6.tif	
source=Assignment#page7.tif	
source=Assignment#page8.tif	
source=Assignment#page9.tif	

COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS, <u>Fuve WANG</u>, <u>Xiaobing MAO</u>, and <u>Zenghui LIU</u>, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled <u>METHOD AND APPARATUS FOR DATA PROCESSING</u>, <u>SERVER AND STORAGE MEDIUM</u>, executed by Assignors 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 <u>P.R. China</u>, having a place of business at <u>No.018</u>, <u>Floor 8</u>, <u>Building 6</u>, <u>Yard 33</u>, <u>Middle Xierqi Road</u>, <u>Haidian District</u>, <u>Beijing 100085</u>, <u>China</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 Assignors from Assignee is hereby acknowledged, the Assignors have 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, reissues, 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

Case No. 163849.00178

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 Assignors 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 Assignors have executed this agreement.

DECLARATION

As a 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 our 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.

- 2 -

Date	2021/3/25	Inventor Signature	Fuye WANG
	· · · · · · · · · · · · · · · · · · ·		Fuye WANG
Date		Inventor Signature	Xiaobing MAO
Date	·	Inventor Signature	Zenghui LIU

COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS, <u>Fuye WANG</u>, <u>Xiaobing MAO</u>, and <u>Zenghui LIU</u>, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled <u>METHOD AND APPARATUS FOR DATA PROCESSING</u>, <u>SERVER AND STORAGE MEDIUM</u>, executed by Assignors 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 <u>P.R. China</u>, having a place of business at <u>No.018</u>, <u>Floor 8</u>, <u>Building 6</u>, <u>Yard 33</u>, <u>Middle Xierqi Road</u>, <u>Haidian District</u>, <u>Beijing 100085</u>, <u>China</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 Assignors from Assignee is hereby acknowledged, the Assignors have 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, reissues, 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

Case No. 163849.00178

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 Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry

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 Assignors have executed this agreement.

DECLARATION

out the terms of this Assignment.

As a 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 our 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.

Date		Inventor Signature	
			Fuye WANG
Date	2021/3/25	Inventor Signature	Xiaobing MAO
Date	<u> </u>	Inventor Signature	Zenghui LIU

COMBINED ASSIGNMENT & DECLARATION

ASSIGNMENT

WHEREAS, <u>Fuye WANG</u>, <u>Xiaobing MAO</u>, and <u>Zenghui LIU</u>, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled <u>METHOD AND APPARATUS FOR DATA PROCESSING</u>, <u>SERVER AND STORAGE MEDIUM</u>, executed by Assignors 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 <u>P.R. China</u>, having a place of business at <u>No.018</u>, <u>Floor 8</u>, <u>Building 6</u>, <u>Yard 33</u>, <u>Middle Xierqi Road</u>, <u>Haidian District</u>, <u>Beijing 100085</u>, <u>China</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 Assignors from Assignee is hereby acknowledged, the Assignors have 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, reissues, 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

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 Assignors 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 Assignors have executed this agreement.

DECLARATION

As a 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 our 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.

- 2 -

Case No. 163849.00178

Date		Inventor Signature	
		· •	Fuye WANG
Date		Inventor Signature	Xiaobing MAO
Date	2021/3/25	Inventor Signature	Zeng hui LIU
		•	Zenghul LIU