# 506868274 09/14/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6915096

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAIHONG XIA	12/22/2020
CHUAN YANG	08/12/2021
JIANWEN WANG	08/12/2021
HAIXIA JIANG	08/12/2021
LEI JIANG	08/12/2021
DENGFENG LI	08/12/2021
YUANDAO JU	08/12/2021

### **RECEIVING PARTY DATA**

Name:	HUAWEI TECHNOLOGIES CO., LTD.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen
State/Country:	CHINA
Postal Code:	518129

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17434661

# **CORRESPONDENCE DATA**

**Fax Number:** (972)731-2289

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:** 972-731-2288

**Email:** dallaspatents@dfw.conleyrose.com

Correspondent Name: GRANT RODOLPH

**Address Line 1:** 4965 PRESTON PARK BOULEVARD, SUITE 195E

Address Line 4: PLANO, TEXAS 75093

ATTORNEY DOCKET NUMBER:	4805-19000 (86138687US08)	
NAME OF SUBMITTER:	NICHOLAS K. BEAULIEU	
SIGNATURE:	/Nicholas K. Beaulieu/	

PATENT 506868274 REEL: 057475 FRAME: 0694

DATE SIGNED:	09/14/2021
Total Attachments: 7	
source=4805-19000_Signed_Assignme	nt#page1.tif
source=4805-19000_Signed_Assignme	nt#page2.tif
source=4805-19000_Signed_Assignme	nt#page3.tif
source=4805-19000_Signed_Assignme	nt#page4.tif
source=4805-19000_Signed_Assignme	nt#page5.tif
source=4805-19000_Signed_Assignme	nt#page6.tif
source=4805-19000_Signed_Assignme	nt#page7.tif

PATENT REEL: 057475 FRAME: 0695

#### ASSIGNMENT

#### WHEREAS, WE,

Taihong Xia

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China; and

Jianwen Wang

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China; and

Lei Jiang

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China; and

Yuandao Ju

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China.

Chuan Yang

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China; and

Haixia Jiang

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China; and

Dengfeng Li

Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong,

P.R. China: and

have invented and own a certain invention entitled:

VOICE COIL MOTOR FOR DRIVING LIQUID LENS AND LENS ASSEMBLY HAVING VOICE COIL MOTOR

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on 08/27/2021, under U.S. Application No. 17434661 and

WHEREAS, HUAWEI TECHNOLOGIES CO.,LTD., Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China., hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

**Now, THEREFORE,** for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

PATENT REEL: 057475 FRAME: 0696 In re Appln, of Xia et al. Attorncy Docket No. 4805-19000

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 200. 12. 22	预大2.
	Taihong Xia
Date	
	Chuan Yang
Date	Linna Wana
	Jianwen Wang
Date	Haixia Jiang
Date	Lei Jiang
Date	Dengfeng Li
Date	Yuandao Ju

In re Appln. of Xia et al. Attorney Docket No. 4805-19000

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date	
	Taihong Xia
Date 12. Aug., 2021	Chuen Yang Chuan Yang
Date	
	Jianwen Wang
Date	Haixia Jiang
Date	Lei Jiang
Date	
	Dengfeng Li
Date	
	Yuandao Ju

In re Appln, of Xia et al. Attorney Docket No. 4805-19000

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date	
	Taihong Xia
Date	
	Chuan Yang
Date Am. 12. 207	Jianven Very
	Jianwen Wang
Date	
	Haixia Jiang
Date Ang. 12, 2021	Lei Jiang
	Lei Jiang
Date	
	Dengfeng Li
Date	
	Yuandao Ju

In re Appln. of Xia et al. Attorney Docket No. 4805-19000

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date	
	Taihong Xia
Date	
	Chuan Yang
Date	
	Jianwen Wang
Date_Aug 12. 2021	Haixia Jiang Haixia Jiang
	Haixia Jiang
Date	
	Lei Jiang
Date	
	Dengfeng Li
Date	
	Yuandao Ju

In re Appln. of Xia et al.
Attorney Docket No. 4805-19000

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date	
	Taihong Xia
Date	Chuan Yang
Date	Jianwen Wang
Date	Haixia Jiang
Date	Lei Jiang
Date Aug 12,2021	Dengteng Li Dengfeng Li
Date	Yuandao Ju

In re Appln. of Xia et al. Attorney Docket No. <u>4805-19</u>000

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date	
	Taihong Xia
Date	
	Chuan Yang
Date	T' XX/
	Jianwen Wang
Date	
	Haixia Jiang
Date	
	Lei Jiang
Date	
	Dengfeng Li
Date Aug 12, 202/	Yuandao Ju
'	Yuandao Ju