507019384 12/09/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7066219

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LINGLING WANG	05/18/2021
KAI-WEN CHENG	05/20/2021
CHONGLI WU	05/17/2021
XIAOXIANG GENG	05/19/2021
XUWEI ZHOU	05/18/2021

RECEIVING PARTY DATA

Name:	NXP USA, INC.
Street Address:	6501 WEST WILLIAM CANNON DRIVE
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78735

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17546896

CORRESPONDENCE DATA

Fax Number: (737)843-1020

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: 4808142008

Email: rosemary.hoffert@nxp.com

Correspondent Name: NXP USA, INC. LAW DEPARTMENT

Address Line 1: 6501 WILLIAM CANNON DRIVE WEST TX30/OE62

Address Line 4: AUSTIN, TEXAS 78735

ATTORNEY DOCKET NUMBER:	82255678US02
NAME OF SUBMITTER:	ROSEMARY HOFFERT
SIGNATURE:	/Rosemary Hoffert/
DATE SIGNED:	12/09/2021

Total Attachments: 2

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PATENT REEL: 058352 FRAME: 0116

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PATENT REEL: 058352 FRAME: 0117

\$34,544 No. 802556780303

ASSIGNMENT

For good and valuable consideration, except of which is hereby acknowledged, ve, so below-named Assignants, hereby self, assign, and transfer the entire and exclusive right, little and interest in the following in NXP USA, INC., having a place of business at 650. West William Cannon Drive, Austin, TX 78735, USA, its successors, assigns, and legal representatives, including any nominees (collectively the Assigned).

(i) our invention relating to "CONFIGURABLE CONTROL COOP ARRANGEMENT" for which the following patent application(s) has/have been filled (we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 23128 to insert below the filing date and application number of the U.S. application when known):

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- (2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations in part, re-examinations, reissues, and extensions thereof, and
- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to NXP USA, INC., for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for accuring and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

y9).[- 1}	Lingling Wang	Assenor
Date	Lingling Wang	
2021-5-20	Kar-Werl Cittle	Assigner
Date	Kai-Wen Cheng	
Date	Chongli Wu	Assignor
2421.5.19	Year X may Great	
Date	Xiaoxiang Geng	Asugua
1015.16	Yana Zhao	
Date	Agricus ariens Xuver/sion	Assgnor

PATENT REEL: 058352 FRAME: 0118

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as below-named Assignor/s, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP USA, INC.**, having a place of business at 6501 West William Cannon Drive, Austin, TX 78735, USA, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "CONFIGURABLE CONTROL LOOP ARRANGEMENT" for which the following patent application(s) has/have been filed (we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 23125 to insert below the filing date and application number of the U.S. application when known):

Country	Application No.	Filing Date (mm/dd/yyyy)	Claims Priority of
US	17/546896	12/09/2021	CN202011643122.4
CN	202011643122.4	12/30/2020	

- (2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and
- (3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **NXP USA, INC.**, for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutional actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

RECORDED: 12/09/2021

		, Assignor
Date	Lingling Wang	
		, Assignor
Date	Kai-Wen Cheng	
May-17-2021	dib	, Assignor
Date	Chongli Wu	
		, Assignor
Date	Xiaoxiang Geng	
		, Assignor
Date	Xuwei Zhou	, 7155151101

PATENT REEL: 058352 FRAME: 0119