

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6335578

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XUGANG KE	04/11/2019
MIN CHEN	04/11/2019
SHUILIN TIAN	04/11/2019
KEITH SZOLUSHA	04/23/2019
RECEIVING PARTY DATA	
Name:	ANALOG DEVICES, INC.
Street Address:	ONE TECHNOLOGY WAY
City:	NORWOOD
State/Country:	MASSACHUSETTS
Postal Code:	02062
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17004947
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	5867.204US2
NAME OF SUBMITTER:	DIANA JOHNSON
SIGNATURE:	/Diana Johnson/
DATE SIGNED:	10/05/2020
Total Attachments: 6	
source=signed_5867.204US2 Assignment inventors to ADI #page1.tif	
source=signed_5867.204US2 Assignment inventors to ADI #page2.tif	
source=signed_5867.204US2 Assignment inventors to ADI #page3.tif	
source=signed_5867.204US2 Assignment inventors to ADI #page4.tif	

source=signed_5867.204US2 Assignment inventors to ADI #page5.tif
source=signed_5867.204US2 Assignment inventors to ADI #page6.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 5867.204US2

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Xugang Ke, Min Chen, Shuilin Tian, Keith Szolusha

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

2. Name and address of receiving party(ies):

Name: Analog Devices, Inc.

Street Address: One Technology Way

City: Norwood, MA 02062

Country: United States of America

Additional name(s) & address(es) attached? ☐ Yes

☒ No

Execution Date: April 11, 2019, April 11, 2019, April 11, 2019, April 23, 2019

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 17/004,947

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher M. Palmisano

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 0.00

☐ Enclosed

☐ Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

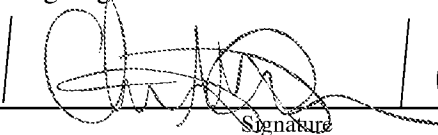
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christopher M. Palmisano/Reg. No. 69,483

Name of Person Signing


Signature

04 October 2020

Date

Total number of pages including cover sheet: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 053975 FRAME: 0586

ASSIGNMENT

WHEREAS, I am a named inventor, **Xugang Ke, Min Chen, Shuilin Tian, Keith Szolusha**, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled **"KAPPA SWITCHING DC-DC CONVERTER WITH CONTINUOUS INPUT AND OUTPUT CURRENTS,"** (hereinafter referred to as "Application") and having internal reference number of **P00785US01**.

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. **21186** to insert here in parentheses (Ser. No. 16/391,664; Filing Date: April 23, 2019) the filing date and serial number of the Application when known;

WHEREAS, **Analog Devices, Inc.**, (hereinafter referred to as "Assignee"), a Massachusetts Corporation, with an address of **One Technology Way, Norwood, MA 02062**, desires to acquire my entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to as "Invention"), including any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Assignee, all right, title and interest in and to the Invention and in and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents, for the Invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also hereby assign and transfer, and hereby agree to assign and transfer to Assignee, all right, title and interest to the Invention, the Application or any related application throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention in Assignee's own name throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world, and all rights to publish cautionary notices reserving ownership of the Invention and all rights to register the Invention in appropriate registries. I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in and to Assignee.

ATTORNEY DOCKET NO.
5867.204US1(P00785US01)

ASSIGNMENT

I will communicate to Assignee any facts known to me respecting any improvements to the Invention; and I will sign all lawful papers, execute all rightful assignments, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in and to Assignee and to aid Assignee to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I irrevocably appoint Analog Devices, Inc. as my attorney-in-fact to execute on my behalf any documents deemed necessary by Analog Devices, Inc. to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I agree to testify and cooperate with Assignee in any judicial proceeding, administrative proceeding, post-grant proceeding, or other proceeding concerning the Invention (including litigation with a third party over any patent issued on the Invention), and Assignee agrees to cover my reasonable costs and expenses (if any).

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: KAPPA SWITCHING DC-DC
CONVERTER WITH CONTINUOUS
INPUT AND OUTPUT CURRENTS

Full name of inventor: Xugang Ke

Inventor's signature: *Xugang Ke*

Date: 4/11/2019

Inventor Home Address: 3610 Flora Vista Avenue, Apt. 248
Santa Clara, CA 95051

Witness's Print Name: _____

Witness's signature: _____

Witness Home Address: _____

ATTORNEY DOCKET NO.
5867.204US1(P00785US01)

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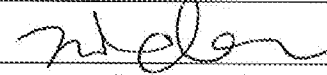
Title of Invention:

KAPPA SWITCHING DC-DC
CONVERTER WITH CONTINUOUS
INPUT AND OUTPUT CURRENTS

Full name of inventor:

Min Chen

Inventor's signature:



Date:

4/11/2019

Inventor Home Address:

2898 Predio Ter
Fremont, CA 94539

Witness's Print Name:

Witness's signature:

Witness Home Address:

ATTORNEY DOCKET NO.
5867.204US1(P00785US01)

ASSIGNMENT

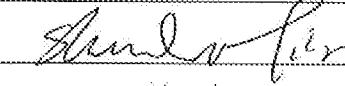
Title of Invention:

KAPPA SWITCHING DC-DC
CONVERTER WITH CONTINUOUS
INPUT AND OUTPUT CURRENTS

Full name of inventor:

Shuilin Tian

Inventor's signature:



Date:

02/11/2013

Inventor Home Address:

Milpitas, California

Witness's Print Name:

Witness's signature:

Witness Home Address:

ATTORNEY DOCKET NO.
5867.204US1(P00785US01)

ASSIGNMENT

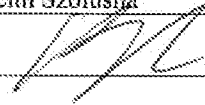
Title of Invention:

KAPPA SWITCHING DC-DC
CONVERTER WITH CONTINUOUS
INPUT AND OUTPUT CURRENTS

Full name of inventor:

Keith Szolusha

Inventor's signature:



Date:

4/22/19

Inventor Home Address:

13811 Ravenwood Drive
Saratoga, CA 95070

Witness's Print Name:

Witness's signature:

Witness Home Address: