# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5140664

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LIUQING YANG	09/06/2018
JIAN YE	09/06/2018
ZHIJIE ZHU	09/06/2018

# **RECEIVING PARTY DATA**

Name:	ANALOG DEVICES GLOBAL UNLIMITED COMPANY
Street Address:	3RD FLOOR, PAR LA VILLE PLACE 14
Internal Address:	PAR LA VILLE ROAD
City:	HAMILTON
State/Country:	BERMUDA

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16130899

# CORRESPONDENCE DATA

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Phone: 949-851-0633

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MCDERMOTT WILL & EMERY LLP **Correspondent Name:** 

Address Line 1: 4 PARK PLAZA Address Line 2: **SUITE 1700** 

Address Line 4: IRVINE, CALIFORNIA 92614-2559

ATTORNEY DOCKET NUMBER:	081318-1253	
NAME OF SUBMITTER:	KENNETH C. CHENEY, REG. NO. 61,841	
SIGNATURE:	/Kenneth C. Cheney/	
DATE SIGNED:	09/13/2018	

### **Total Attachments: 6**

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#### ASSIGNMENT

WHEREAS, I am a named inventor, Liuqing YANG, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "SATURATION PREVENTION OF CURRENT TRANSFORMER," (hereinafter referred to as "Application") and having internal reference number of APD6403US01;

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 123262 to insert here in parentheses (Ser. No. 16/130,899; Filing Date: September 13, 2018) the filing date and serial number of the Application when known;

WHEREAS, Analog Devices Global Unlimited Company (hereinafter referred to as "Assignee"), an Ireland Corporation, with an address of 3<sup>rd</sup> Floor, Par La Ville Place 14, Par La Ville Road, Hamilton, BERMUDA, 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.

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

Title of Invention:

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.

SATURATION PREVENTION OF CURRENT TRANSFORMER

Full name of inventor:	Liuqing YANG
Inventor's signature:	Liuging YAVG
Date:	2018, 9,6
Inventor residence city and state:	Shanghai, CHINA
	SUYI YAO
Witness's Print Name:	
Witness's signature:	swi Yao Shanghai CHZNA
Witness city and state:	Shanghai CHZNA

#### ASSIGNMENT

WHEREAS, I am a named inventor, Jian YE, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "SATURATION PREVENTION OF CURRENT TRANSFORMER," (hereinafter referred to as "Application") and having internal reference number of APD6403US01;

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 123262 to insert here in parentheses (Ser. No. 16/130,899; Filing Date: September 13, 2018) the filing date and serial number of the Application when known;

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**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.

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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: SATURATION PRI	EVENTION OF CURRENT TRANSFORMER
Full name of inventor:	Jian YE
Inventor's signature:	Jian le
Date:	Sep. 6th, 2018
Inventor residence city and state:	Shanghai, CHINA
Witness's Print Name:	Keum. Wang
Witness's signature:	Keum, wang
Witness city and state:	Sep. 6th. 2018.

#### **ASSIGNMENT**

WHEREAS, I am a named inventor, Zhijie ZHU, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "SATURATION PREVENTION OF CURRENT TRANSFORMER," (hereinafter referred to as "Application") and having internal reference number of APD6403US01:

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 123262 to insert here in parentheses (Ser. No. 16/130,899; Filing Date: September 13, 2018) the filing date and serial number of the Application when known;

WHEREAS, Analog Devices Global Unlimited Company (hereinafter referred to as "Assignee"), an Ireland Corporation, with an address of 3<sup>rd</sup> Floor, Par La Ville Place 14, Par La Ville Road, Hamilton, BERMUDA, 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.

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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:	SATURATION PRE	VENTION OF CURRENT TRANSFORMER
Full name of inventor	<del></del>	Zhijie ZHU
Inventor's signature:		zhijie zhu
Date:		2018.9.6
Inventor residence cit	ty and state:	Shanghai, CHINA
Witness's Print Name	2:	Suyi Yao
Witness's signature:		Suyi Yao Shanghai China
Witness city and state	e:	Shanghai China