508498656 04/16/2024

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Junhua Shen	01/25/2014

### **RECEIVING PARTY DATA**

Company Name:	The Trustees of Columbia University in the City of New York
Street Address:	412 Low Memorial Library
Internal Address:	535 W 116th Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10027

### **PROPERTY NUMBERS Total: 3**

Property Type	Number
PCT Number:	US1164414
Application Number:	61422135
Application Number:	13993293

#### **CORRESPONDENCE DATA**

**Fax Number:** 2129318521

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	0315120.274-US1
NAME OF SUBMITTER:	Matthew Byrne
SIGNATURE:	Matthew Byrne
DATE SIGNED:	04/16/2024

## **Total Attachments: 2**

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PATENT 508498656 REEL: 067126 FRAME: 0852

App. No.: PCT/US2011/064414

Filed: 12/12/2011

### **ASSIGNMENT**

WHEREAS, we, the undersigned (collectively "the Assignors"), are the inventors of a certain new and useful invention and discovery entitled "CIRCUITS AND METHODS FOR IMPLEMENTING A RESIDUE AMPLIFIER" ("the Invention") for which a patent application was filed with the United States Patent and Trademark Office on 12/12/2011 as International Application Number PCT/US2011/064414 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of New York, having its principal office at 412 Low Memorial Library, 535 West 116<sup>th</sup> Street, New York, NY 10027, which together with its successors and assigns (collectively "the Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title, and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications, and/or foreign regional and/or national applications); any applications from which the Application claims priority (including provisional applications, non-provisional applications, international applications, foreign regional applications, and/or foreign national applications); or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge, and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

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IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 2 day of
Junhua Shen 348 Franklin Street, #3A Cambridge, MA 02139
On this 25th day of ol (month), 2014 (year), Junhua Shen, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.
Witness Signature: De Comprinted Name: Xue Yu
Printed Name: Xue Yu
Residential Address: 6 Westgate Drive, Apt 103, Woburn, MA, 01801
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this day of (month), (year). I represent and warrant that I have full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.
Peter Kinget 11 Franklin Place Summit, NJ 07901
On this day of (month), (year), Peter Kinget, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.
Witness Signature:
Printed Name:
Residential Address:

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App. No.: PCT/US2011/064414 Filed: 12/12/2011