PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6084779

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| SANDRINE NICOLAS | 04/15/2020 |
| DAMIEN GIOT | 04/16/2020 |
| SERGE RAMET | 04/16/2020 |
| REINER WELK | 04/15/2020 |

RECEIVING PARTY DATA

| Name: | STMicroelectronics (Grenoble 2) SAS | | |
|-----------------|-------------------------------------|--|--|
| Street Address: | 12, rue Jules Horowitz | | |
| City: | Grenoble | | |
| State/Country: | FRANCE | | |
| Postal Code: | 38000 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16862297 |

CORRESPONDENCE DATA

Fax Number: (972)732-9218

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: 972-732-1001

Email: docketing@slatermatsil.com

SLATER MATSIL, LLP **Correspondent Name:** Address Line 1: 17950 PRESTON RD.

Address Line 2: **SUITE 1000**

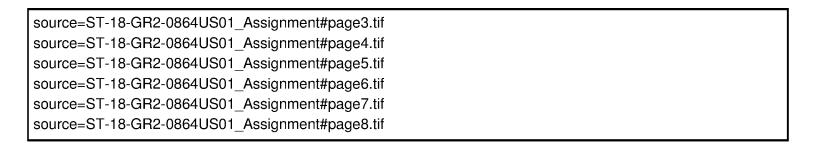
Address Line 4: DALLAS, TEXAS 75252

| ATTORNEY DOCKET NUMBER: ST-18-GR2-0864US01 | |
|--|----------------------------|
| NAME OF SUBMITTER: | LISETTE REYES-WASHINGTON |
| SIGNATURE: | /Lisette Reyes-Washington/ |
| DATE SIGNED: | 04/29/2020 |

Total Attachments: 8

source=ST-18-GR2-0864US01 Assignment#page1.tif source=ST-18-GR2-0864US01_Assignment#page2.tif

PATENT REEL: 052530 FRAME: 0444 506038064



PATENT REEL: 052530 FRAME: 0445

Application Number:

Application Country/Region: US

Application Title: ELECTRONIC CIRCUIT WITH A SET OF WEIGHTED CAPACITANCES

Assignee: STMicroelectronics (Grenoble 2) SAS

Assignee being a company, corporation, or juristic entity of: France

Assignee's principal place of business: 12, rue Jules Horowitz, Grenoble, 38000 France

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 102473.

ST Docket Number: ST-18-GR2-0864US01

| Inventor Name | Residence (City, State, Country) | Inventor Signature | Date Signed |
|------------------|--|--------------------|-------------|
| Sandrine Nicolas | Saint Egreve, France | /Sandrine Nicolas/ | 4/15/2020 |
| Damien Giot | Grenoble, France | | |
| Serge Ramet | Jarrie, France | | |
| Reiner Welk | Sassenage, France | | |
| | | | |
| | | | |

ST Docket Number: ST-18-GR2-0864US01

Application Number:

Application Country/Region: US

Application Title: ELECTRONIC CIRCUIT WITH A SET OF WEIGHTED CAPACITANCES

Assignee: STMicroelectronics (Grenoble 2) SAS

Assignee being a company, corporation, or juristic entity of: France

Assignee's principal place of business: 12, rue Jules Horowitz, Grenoble, 38000 France

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 102473.

ST Docket Number: ST-18-GR2-0864US01

PATENT REEL: 052530 FRAME: 0448

| Inventor Name | Residence (City, State, Country) | Inventor Signature | Date Signed |
|------------------|--|--------------------|-------------|
| Sandrine Nicolas | Saint Egreve, France | | |
| Damien Giot | Grenoble, France | | |
| Serge Ramet | Jarrie, France | /Serge RAMET/ | 4/16/2020 |
| Reiner Welk | Sassenage, France | | |
| | | | |
| | | | |

ST Docket Number: ST-18-GR2-0864US01

PATENT REEL: 052530 FRAME: 0449

Application Number:

Application Country/Region: US

Application Title: ELECTRONIC CIRCUIT WITH A SET OF WEIGHTED CAPACITANCES

Assignee: STMicroelectronics (Grenoble 2) SAS

Assignee being a company, corporation, or juristic entity of: France

Assignee's principal place of business: 12, rue Jules Horowitz, Grenoble, 38000 France

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 102473.

ST Docket Number: ST-18-GR2-0864US01

| Inventor Name | Residence (City, State, Country) | Inventor Signature | Date Signed |
|------------------|--|--------------------|-------------|
| Sandrine Nicolas | Saint Egreve, France | | |
| Damien Giot | Grenoble, France | / Damien Giot / | |
| Serge Ramet | Jarrie, France | | |
| Reiner Welk | Sassenage, France | | |
| | | | |
| | | | |

ST Docket Number: ST-18-GR2-0864US01

Application Number:

Application Country/Region: US

Application Title: ELECTRONIC CIRCUIT WITH A SET OF WEIGHTED CAPACITANCES

Assignee: STMicroelectronics (Grenoble 2) SAS

Assignee being a company, corporation, or juristic entity of: France

Assignee's principal place of business: 12, rue Jules Horowitz, Grenoble, 38000 France

I, the below identified and undersigned inventor or co-inventor, as the case may be, of residence listed below, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, hereby transfer and assign to Assignee, its legal representatives, successors, and assigns, my entire right, title, and interest in and to the inventions for which the above identified patent application is made and describes (hereinafter referred to as "the Patent Rights"), together with any and all patents or patent applications anywhere worldwide to which any of the Patent Rights directly or indirectly claims priority, including but not limited to provisional applications thereof, or for which any of the Patent Rights directly or indirectly forms a basis for priority, together with all existing and/or future continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisions, reissues, reexaminations, extensions, registrations, and foreign counterparts of any item in any of the foregoing, together with the right to sue for and be entitled to any damages, injunctive relief, and any other remedies of any kind for past, current, and future infringement thereof, together with all rights worldwide in the Patent Rights; said entire right, title, and interest, to be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its legal representatives, successors, and assigns to the full end of the term for which the aforementioned rights may be granted anywhere in the world.

I hereby further agree to assist in and execute all documents needed now or in the future to perfect, obtain, and secure the aforementioned rights to Assignee, its legal representatives, successors, and assigns, for any jurisdiction in the world. At the expense of Assignee, or its legal representatives, successors, or assigns, I agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee, its legal representatives, successors, and assigns, to enforce the aforementioned rights in any and all countries and regions worldwide.

I hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 102473.

ST Docket Number: ST-18-GR2-0864US01

| Inventor Name | Residence (City, State, Country) | Inventor Signature | Date Signed |
|------------------|--|--------------------|-------------|
| Sandrine Nicolas | Saint Egreve, France | | |
| Damien Giot | Grenoble, France | | |
| Serge Ramet | Jarrie, France | | |
| Reiner Welk | Sassenage, France | / Reiner Welk / | |
| | | | |
| | | | |

ST Docket Number: ST-18-GR2-0864US01

PATENT REEL: 052530 FRAME: 0453