

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5659239

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the LEGAL NAME OF THE FIRST NAMED INVENTOR previously recorded on Reel 045434 Frame 0105. Assignor(s) hereby confirms the LEGAL NAME OF THE FIRST NAMED INVENTOR IS: MANOJ KUMAR TIWARI.
CONVEYING PARTY DATA	
Name	Execution Date
MANOJ KUMAR TIWARI	03/15/2018
SAIYID MOHAMMAD IRSHAD RIZVI	03/15/2018
RECEIVING PARTY DATA	
Name:	STMICROELECTRONICS INTERNATIONAL N.V.
Street Address:	SCHIPHOL BOULEVARD 265
City:	SCHIPHOL
State/Country:	NETHERLANDS
Postal Code:	1118BH
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	10224922
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>	
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Address Line 4:	DALLAS, TEXAS 75201
ATTORNEY DOCKET NUMBER:	58940-01911
NAME OF SUBMITTER:	ANDRE M. SZUWALSKI
SIGNATURE:	/Andre M. Szuwalski/
DATE SIGNED:	08/08/2019
Total Attachments: 5	
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 5, 2018

PTAS

CROWE & DUNLEVY - ST-US INTELLECTUAL
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504852195

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 04/04/2018

REEL/FRAME: 045434/0105
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 58940-01911

ASSIGNOR:

TIWARI, MANOJ KUMAR ~~ROMAN~~

DOC DATE: 03/15/2018

ASSIGNOR:

RIZVI, SAIYID MOHAMMAD IRSHAD

DOC DATE: 03/15/2018

ASSIGNEE:

STMICROELECTRONICS INTERNATIONAL
N.V.
SCHIPHOL BOULEVARD 265
SCHIPHOL, NETHERLANDS 1118BH

APPLICATION NUMBER: 15945049

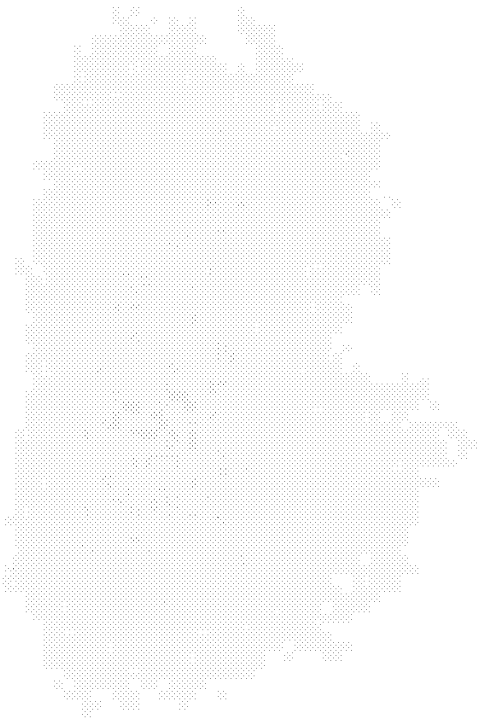
FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: BIASING CASCODE TRANSISTORS OF AN OUTPUT BUFFER CIRCUIT FOR
OPERATION OVER A WIDE RANGE OF SUPPLY VOLTAGES

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4898934

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
 Name	Execution Date
MANOJ KUMAR KUMAR TIWARI	03/15/2018
SAIYID MOHAMMAD IRSHAD RIZVI	03/15/2018
RECEIVING PARTY DATA	
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Street Address:	SCHIOPHOL BOULEVARD 265
City:	SCHIPHOL
State/Country:	NETHERLANDS
Postal Code:	1118BH
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15945049
CORRESPONDENCE DATA	
Fax Number:	(254)870-4338
<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>	
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Email:	IPDAL@crowedunlevy.com
Correspondent Name:	CROWE & DUNLEVY - ST-US INTELLECTUAL PRO
Address Line 1:	1919 MCKINNEY AVENUE
Address Line 2:	SUITE 100
Address Line 4:	DALLAS, TEXAS 75201
ATTORNEY DOCKET NUMBER:	58940-01911
NAME OF SUBMITTER:	ANDRE M. SZUWALSKI
SIGNATURE:	/Andre M. Szuwalski/
DATE SIGNED:	04/04/2018
Total Attachments: 2	
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CUSTOMER NO. 30430

PATENT APPLICATION
Attorney Docket No. 328940-1911

ASSIGNMENT

Application Number: Filed Concurrently Herewith or Filed on _____, 2018, as
US Serial No. _____

Application Country/Region: US

Application Title: **BIASING CASCODE TRANSISTORS OF AN OUTPUT BUFFER
CIRCUIT FOR OPERATION OVER A WIDE RANGE OF SUPPLY
VOLTAGES**

Assignee: STMicroelectronics International N.V.

Assignee being a company, corporation, or juristic entity of: **NETHERLANDS**

Assignee's principal place of business:

Schiphol Boulevard 265, Schiphol, 1118BH, NETHERLANDS

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

ST Docket Number: 17-IND-0599US01

1

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CUSTOMER NO. 30430

PATENT APPLICATION
Attorney Docket No. 328940-1911

comply with the rules for recordation of this document any place in the world: All practitioners at Customer Number 30430.

If there are co-inventors listed below, the signatures of all the inventors need not appear on the same page, and each inventor may sign this Assignment in multiple counterparts, such that each separately signed counterpart of this Assignment constitutes an original Assignment for the inventor(s) that signed such counterpart.

Inventor Name	Residence (City, State, Country)	Inventor Signature	Date Signed
Manoj Kumar Tiwari TIWARI <i>15/3/2018</i>	296, Civil Lines, Behind Civil Court Unnao, UP 209201 IN	<i>[Signature]</i>	15/3/2018
Saiyid Mohammad Irshad RIZVI	C-54/A Jitar Nagar P.O. Krishna Nagar New Delhi 110051 IN	<i>[Signature]</i>	15/3/2018

ST Docket Number: 17-IND-0599US01

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