

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4673237

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDRE LUIS VILAS BOAS	10/31/2017
RICHARD TITOV LARA SAEZ	11/02/2017
IVAN CARLOS RIBEIRO DO NASCIMENTO	10/31/2017
MARCELO DE PAULA CAMPOS	11/02/2017
PEDRO BARBOSA ZANETTA	11/03/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NXP USA, INC.
<b>Street Address:</b>	6501 WILLIAM CANNON DRIVE WEST TX30/OE62
<b>City:</b>	AUSTIN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78735
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15802965
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)895-6630
<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>	
<b>Phone:</b>	512-895-8849
<b>Email:</b>	angie.zalewski@nxp.com
<b>Correspondent Name:</b>	NXP USA, INC. LAW DEPARTMENT
<b>Address Line 1:</b>	6501 WILLIAM CANNON DRIVE WEST TX30/OE62
<b>Address Line 4:</b>	AUSTIN, TEXAS 78735
<b>ATTORNEY DOCKET NUMBER:</b>	82021753US01
<b>NAME OF SUBMITTER:</b>	ANGIE ZALEWSKI
<b>SIGNATURE:</b>	/Angie Zalewski/
<b>DATE SIGNED:</b>	11/03/2017
<b>Total Attachments: 4</b>	
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**PATENT**

**REEL: 044029 FRAME: 0592**

# ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, as below-named Assignor/s, hereby sell, assign, and transfer the entire and exclusive right, title, and interest in the following to **NXP USA, INC.**, having a place of business at 6501 West William Cannon Drive, Austin, TX 78735, USA, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) our invention relating to "**FEEDBACK CIRCUIT AND METHODS FOR NEGATIVE CHARGE PUMP**" for which the following patent application(s) has/have been filed (we hereby authorize and request my/our attorneys associated with U.S. Patent & Trademark Office Customer Number 23125 to insert below the filing date and application number of the U.S. application when known):

<u>Country</u>	<u>Application No.</u>	<u>Filing Date (mm/dd/yyyy)</u>	<u>Claims Priority of</u>
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(2) the foregoing application(s) and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority there from including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and

(3) the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

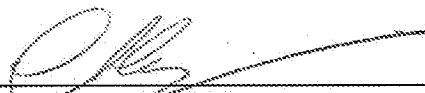
We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **NXP USA, INC.**, for its sole use, and that of its successors, assigns, and legal representatives.

We will provide our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

We certify that we have the full right to convey the above rights.

31-OCT-2017

Date

  
\_\_\_\_\_, Assignor  
Andre Luis VILAS BOAS

Date

\_\_\_\_\_, Assignor  
Richard Titov Lara SAEZ

31-OCT-2017

Date

  
\_\_\_\_\_, Assignor  
Ivan Carlos RIBEIRO DO NASCIMENTO

Date

\_\_\_\_\_, Assignor  
Marcelo de Paula CAMPOS

Date

\_\_\_\_\_, Assignor  
Pedro Barbosa ZANETTA

PATENT

REEL: 044029 FRAME: 0593

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We certify that we have the full right to convey the above rights.

_____ Date	_____ Andre Luis VILAS BOAS	_____, Assignor
<u>NOVEMBER 2, 2017</u> Date	_____ Richard Títoy Lara SAEZ	_____, Assignor
_____ Date	_____ Ivan Carlos RIBEIRO DO NASCIMENTO	_____, Assignor
_____ Date	_____ Marcelo de Paula CAMPOS	_____, Assignor
_____ Date	_____ Pedro Barbosa ZANETTA	_____, Assignor

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_____	_____, Assignor
Date	Andre Luis VILAS BOAS

_____	_____, Assignor
Date	Richard Titov Lara SAEZ

_____	_____, Assignor
Date	Ivan Carlos RIBEIRO DO NASCIMENTO

<u>November 02, 2017</u>	<u></u> , Assignor
Date	Marcelo de Paula CAMPOS

_____	_____, Assignor
Date	Pedro Barbosa ZANETTA

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\_\_\_\_\_, Assignor  
Date Andre Luis VILAS BOAS

\_\_\_\_\_, Assignor  
Date Richard Titov Lara SAEZ

\_\_\_\_\_, Assignor  
Date Ivan Carlos RIBEIRO DO NASCIMENTO

\_\_\_\_\_, Assignor  
Date Marcelo de Paula CAMPOS

Nov 3rd, 2017  
Date Pedro Barba CANETTA

PATENT