

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Sumantra Seth	12/27/2010
Rajavelu Thinakaran	12/27/2010
TEXAS INSTRUMENTS (INDIA) PRIVATE LIMITED	01/31/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEXAS INSTRUMENTS INCORPORATED
<b>Street Address:</b>	P. O. Box 655474, MS 3999
<b>City:</b>	Dallas
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75265
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12979337
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(707)356-4172
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	7073564172
<b>Email:</b>	general@iphorizons.com
<b>Correspondent Name:</b>	Law Firm of Naren Thappeta
<b>Address Line 1:</b>	#7, Sigma Soft Tech Park, 5th Floor Beta
<b>Address Line 2:</b>	Block, Varthur Kodi, Ramagondanahalli
<b>Address Line 4:</b>	Bangalore, INDIA 560066
<b>ATTORNEY DOCKET NUMBER:</b>	TXN-264 ASSIGNMENT
<b>NAME OF SUBMITTER:</b>	Narendra R Thappeta

OP \$40.00 12979337

Total Attachments: 6  
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**PATENT**  
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Serial Number:  
Filed on:

### ASSIGNMENT

WHEREAS, the below named inventor(s) (hereinafter INVENTOR) is the inventor or an inventor of an invention for which a U.S. patent application is being filed (or has been filed as set forth below), and made the said invention in the course of employment by TEXAS INSTRUMENTS (INDIA) PRIVATE LIMITED, a company organized or according to the laws of India, having an office at Bagmane Tech Park, No.66/3, Adjacent to LRDE, Bysandra, C.V. Raman Nagar Post, Bangalore 560 093, India, hereinafter (TIIN);

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring our entire right, title interest in and to the said invention outside of India, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, TIIN and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside India; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the Paris Convention for the Protection of Industrial Property or any other relevant convention;

TIIN and INVENTOR hereby authorize and request the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIIN and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to them respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally everything possible to said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside India.

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Assignment  
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Serial Number:  
Filed on:

The undersigned hereby grant(s) the Attorneys at Customer Number: 23494 of Texas Instruments Incorporated, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Title of Invention: VOLTAGE-MODE DRIVER WITH PRE-EMPHASIS

Inventor (s): Seth *et al.*

IN WITNESS WHEREOF, this Agreement has been executed as set forth below:

Signed at: Bangalore, India on \_\_\_\_\_  
(Month/Day/Year)

by Texas Instruments (India) Private Limited

Name: Dr. Biswadip Mitra

Title: Managing Director

Signature: \_\_\_\_\_

and by the INVENTOR(S):

Name: Sumantra Seth

Signature: Sumantra Seth

Address: Alpine Eco, H-Block, Flat No: 101  
Doddanekundi, Outer Ring Road, Marathahalli,  
Bangalore, Karnataka, Zipcode: 560037, India

Date: 12-27-2010  
(Month/Day/Year)

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Assignment  
Page 2 of 3

Serial Number:  
Filed on:

Name: Rajavelu Thinakaran

Signature: Rajavelu T

Address: Flat No -E012, Habitat Splendor Apartment, ITPL Road,  
Kundalahalli, Bangalore , Karnataka, Zip code: 560037, India

Date: 12/27/2010  
(Month/Day/Year)

**ASSIGNMENT**

WHEREAS, the below named inventor(s) (hereinafter INVENTOR) is the inventor or an inventor of an invention for which a U.S. patent application is being filed (or has been filed as set forth below), and made the said invention in the course of employment by TEXAS INSTRUMENTS (INDIA) PRIVATE LIMITED, a company organized of according to the laws of India, having an office at Bagmane Tech Park, No.66/3, Adjacent to LRDE, Bysandra, C.V. Raman Nagar Post, Bangalore 560 093, India, hereinafter (TIIN);

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7839 Churchill Way, Mail Station 3999, Dallas, Texas 75251, USA, is desirous of acquiring our entire right, title interest in and to the said invention outside of India, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, by this Assignment, TIIN and INVENTOR sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, the entire right, title and interest in and to the said invention in the U.S.A. and in all other countries outside India; in and to the U.S. patent application as identified below and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and to file applications and obtain patents in its own name in any said other country or group of countries, and to claim priority under the terms of the Paris Convention for the Protection of Industrial Property or any other relevant convention;

TIIN and INVENTOR hereby authorize and request the Commissioner of Patents to issue all U.S. patents for said invention, or patents resulting therefrom, insofar as our interest is concerned to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of the entire right, title and interest.

TIIN and INVENTOR further agree to communicate to TEXAS INSTRUMENTS INCORPORATED or to its successors, assigns and legal representatives, any facts known to them respecting the said invention, and at the expense of TEXAS INSTRUMENTS INCORPORATED, sign any and all patent applications, assignments, affidavits and other lawful papers, execute all applications, make all lawful oaths, testify in any legal or quasi-legal proceedings and generally everything possible to said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries outside India.

The undersigned hereby grant(s) the Attorneys at Customer Number: 23494 of Texas Instruments Incorporated, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Title of Invention: **VOLTAGE-MODE DRIVER WITH PRE-EMPHASIS**

Inventor (s): Seth *et al.*

IN WITNESS WHEREOF, this Agreement has been executed as set forth below:

Signed at: Bangalore, India on Jan 31, 2011  
(Month/Day/Year)

by Texas Instruments (India) Private Limited

Name: Dr. Biswadip Mitra

Title: Managing Director

Signature: \_\_\_\_\_  


and by the INVENTOR(S):

Name: Sumantra Seth

Signature: \_\_\_\_\_

Address: Alpine Eco, H-Block, Flat No: 101  
Doddanekundi, Outer Ring Road, Marathahalli,  
Bangalore, Karnataka, Zipcode: 560037, India

Date: \_\_\_\_\_

(Month/Day/Year)

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Assignment  
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Serial Number: 12/979,337  
Filed on: 28-DEC-2010

Name: Rajavelu Thinakaran

Signature: \_\_\_\_\_

Address: Flat No -E012, Habitat Splendor Apartment, ITPL Road,  
Kundalahalli, Bangalore , Karnataka, Zip code: 560037, India

Date: \_\_\_\_\_  
(Month/Day/Year)