

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anant Shankar Kamath</td> <td>04/16/2010</td> </tr> <tr> <td>Krishnaswamy Nagaraj</td> <td>04/15/2010</td> </tr> <tr> <td>Sudheer Kumar Vemulapalli</td> <td>04/15/2010</td> </tr> <tr> <td>Jayawardan Janardhanan</td> <td>04/15/2010</td> </tr> <tr> <td>Karthik Subburaj</td> <td>04/16/2010</td> </tr> <tr> <td>Sujoy Chakravarty</td> <td>04/15/2010</td> </tr> <tr> <td>Vikas Sinha</td> <td>04/16/2010</td> </tr> </tbody> </table>		Name	Execution Date	Anant Shankar Kamath	04/16/2010	Krishnaswamy Nagaraj	04/15/2010	Sudheer Kumar Vemulapalli	04/15/2010	Jayawardan Janardhanan	04/15/2010	Karthik Subburaj	04/16/2010	Sujoy Chakravarty	04/15/2010	Vikas Sinha	04/16/2010
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Vikas Sinha	04/16/2010																
RECEIVING PARTY DATA																	
Name:	Texas Instruments Incorporated																
Street Address:	13588 N. Central Expressway, MS 3999																
City:	Dallas																
State/Country:	TEXAS																
Postal Code:	75243																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12761419</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12761419												
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Application Number:	12761419																
CORRESPONDENCE DATA																	
Fax Number:	2144791273																
Phone:	214-479-1156																
Email:	uspto@ti.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED																
Address Line 1:	P O BOX 655474, M/S 3999																
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ATTORNEY DOCKET NUMBER:	TI-68814																

CH \$40.00 12761419

NAME OF SUBMITTER:

John R. Pessetto

Total Attachments: 4

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Application No.

Attorney Docket No. TI-58814

**ASSIGNMENT**

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7538 Churchill Way, MS 3998, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to (U.S. Provisional Application No(s)) \_\_\_\_\_, filed \_\_\_\_\_.


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

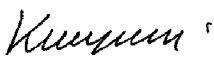
TITLE	PHASE INTERPOLATOR AND A DELAY CIRCUIT FOR THE PHASE INTERPOLATOR		
NONPROVISIONAL APPLICATION NO.		FILING DATE	
SIGNATURE OF INVENTOR			
PRINTED NAME OF INVENTOR	Anant Shankar KAMATH		
DATE	16 <sup>th</sup> April 2010		
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka		


Assignment From Inventor (US 9/1/89)

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Application No.

Attorney Docket No. TI-68814

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Krishnaswamy NAGARAJ
DATE	15 <sup>th</sup> April 2010
RESIDENCE (CITY AND STATE)	Plano, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sudheer Kumar VEMULAPALLI
DATE	4/15/2010
RESIDENCE (CITY AND STATE)	Allen, Texas

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Jayawardan Janardhanan
DATE	
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka

Assignment From Inventor (US 9/1/09)

Application No.

Attorney Docket No. TI-68814

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PRINTED NAME OF INVENTOR	Krishnaswamy NAGARAJ
DATE	
RESIDENCE (CITY AND STATE)	Plano, Texas

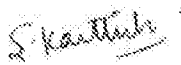
SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sudheer Kumar VEMULAPALLI
DATE	
RESIDENCE (CITY AND STATE)	Allen, Texas

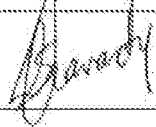
SIGNATURE OF INVENTOR	<i>J. Jayawardan</i>
PRINTED NAME OF INVENTOR	Jayawardan Janardhanan
DATE	15 Apr 2010
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka

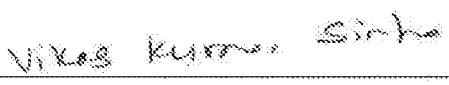
Assignment From Inventor (JS-9/1/09)

Application No.

Attorney Docket No. TI-68814

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Karthik SUBBURAJ
DATE	16/ Apr / 2010
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Sujoy CHAKRAVARTY
DATE	15/ APR / 2010
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Vikas SINHA
DATE	16- APR - 2010
RESIDENCE (CITY AND STATE)	Bangalore, Karnataka

After recording, return Assignment to:

Texas Instruments Incorporated  
 PO Box 655474, M/S 3999  
 Dallas, TX 75265

Assignment From Inventor (US 9/1/09)