

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Joseph M. Khayat</td> <td>07/26/2012</td> </tr> <tr> <td>Geoffrey Potter</td> <td>07/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Joseph M. Khayat	07/26/2012	Geoffrey Potter	07/26/2012						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Texas Instruments Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>12500 TI Boulevard</td> </tr> <tr> <td>Internal Address:</td> <td>M/S 3999</td> </tr> <tr> <td>City:</td> <td>Dallas</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>75243</td> </tr> </table>		Name:	Texas Instruments Incorporated	Street Address:	12500 TI Boulevard	Internal Address:	M/S 3999	City:	Dallas	State/Country:	TEXAS	Postal Code:	75243
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: 2144791273 Phone: 214-479-1215 Email: mathewson@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></p> <p>Correspondent Name: William B.Kempler Address Line 1: 12500 TI Boulevard Address Line 2: M/S 3999 Address Line 4: Dallas, TEXAS 75243</p>													
ATTORNEY DOCKET NUMBER:	TI-70512												
NAME OF SUBMITTER:	Tina Mathewson												
Total Attachments: 4 source=70512_Assignment#page1.tif source=70512_Assignment#page2.tif source=70512_Assignment#page3.tif source=70512_Assignment#page4.tif													

CH \$40.00 13479038

Serial No. 13/479,038

Attorney Docket No.
TI-70512

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;

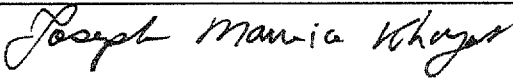
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 12500 TI Boulevard, M/S 3999, Dallas, Texas 75243, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and to the said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, 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 foreign rights to the invention disclosed in said application, in all countries of the world, including the right to 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 patent 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.

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

TITLE OF INVENTION	DIGITAL PHASE ANGLE DETECTION AND PROCESSING
SIGNATURE OF INVENTOR AND NAME	 Joseph Maurice Khayat
DATE	7/26/2012
RESIDENCE (CITY AND STATE)	16 Wellesley Drive Bedford, NH 03110

TITLE OF INVENTION	DIGITAL PHASE ANGLE DETECTION AND PROCESSING
SIGNATURE OF INVENTOR AND NAME	Geoffrey Potter
DATE	
RESIDENCE (CITY AND STATE)	59 Harbor Road New Castle, NY 03854

SIGNATURE OF INVENTOR AND NAME	
DATE	
RESIDENCE (CITY AND STATE)	

SIGNATURE OF INVENTOR AND NAME	
DATE	
RESIDENCE (CITY AND STATE)	

Serial No. 13/479,038

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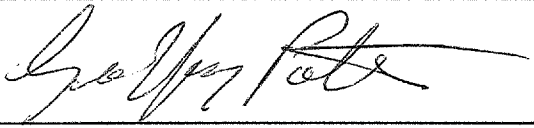
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RESIDENCE (CITY AND STATE)	16 Wellesley Drive Bedford, NH 03110

TITLE OF INVENTION	DIGITAL PHASE ANGLE DETECTION AND PROCESSING
SIGNATURE OF INVENTOR AND NAME	 Geoffrey Potter
DATE	7/25/2012
RESIDENCE (CITY AND STATE)	59 Harbor Road New Castle, NY 03854

SIGNATURE OF INVENTOR AND NAME	
DATE	
RESIDENCE (CITY AND STATE)	

SIGNATURE OF INVENTOR AND NAME	
DATE	
RESIDENCE (CITY AND STATE)	