

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mahalingam NANDAKUMAR</td> <td>04/02/2008</td> </tr> <tr> <td>Said GHNEIM</td> <td>04/02/2008</td> </tr> <tr> <td>Frank Scott JOHNSON</td> <td>05/18/2008</td> </tr> </tbody> </table>		Name	Execution Date	Mahalingam NANDAKUMAR	04/02/2008	Said GHNEIM	04/02/2008	Frank Scott JOHNSON	05/18/2008
Name	Execution Date								
Mahalingam NANDAKUMAR	04/02/2008								
Said GHNEIM	04/02/2008								
Frank Scott JOHNSON	05/18/2008								
RECEIVING PARTY DATA									
Name:	TEXAS INSTRUMENTS INCORPORATED								
Street Address:	7839 Churchill Way								
Internal Address:	M/S 3999								
City:	Dallas								
State/Country:	TEXAS								
Postal Code:	75251								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12122885</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12122885				
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Application Number:	12122885								
CORRESPONDENCE DATA									
Fax Number:	(703)997-4905								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	972-917-4371								
Email:	kris@mh2law.com								
Correspondent Name:	TEXAS INSTRUMENTS INCORPORATED								
Address Line 1:	P O BOX 655474, M/S 3999								
Address Line 4:	DALLAS, TEXAS 75265								
ATTORNEY DOCKET NUMBER:	TI-39219 (0025.0097)								
NAME OF SUBMITTER:	Timothy M. Hsieh								
<p>Total Attachments: 3 source=Assignment_05-19-08#page1.tif</p>									

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Serial No.

Attorney Docket No.
TI-39219

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, the said application having been executed on the date set forth below; and

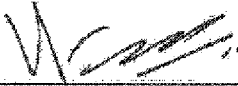
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;


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 in to the said application and all patents which may be granted therefor, 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.

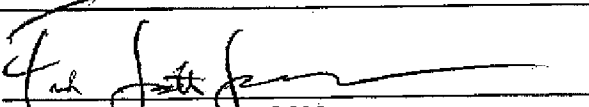
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, 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	A METHOD OF FORMING SIDEWALL SPACERS TO REDUCE FORMATION OF RECESSES IN THE SUBSTRATE AND INCREASE DOPANT RETENTION IN A SEMICONDUCTOR DEVICE
SIGNATURE OF INVENTOR AND NAME	 MAHALINGAM NANDAKUMAR
RESIDENCE (CITY AND STATE)	3021 Dove Creek Lane Richardson, TX 75082
DATE DECLARATION SIGNED	04-02-08

TITLE OF INVENTION	A METHOD OF FORMING SIDEWALL SPACERS TO REDUCE FORMATION OF RECESSES IN THE SUBSTRATE AND INCREASE DOPANT RETENTION IN A SEMICONDUCTOR DEVICE
SIGNATURE OF INVENTOR AND NAME	 SAID GHNEIM
RESIDENCE (CITY AND STATE)	13560 N. Central Expressway Dallas, TX 75243
DATE DECLARATION SIGNED	4/2/08

TITLE OF INVENTION	A METHOD OF FORMING SIDEWALL SPACERS TO REDUCE FORMATION OF RECESSES IN THE SUBSTRATE AND INCREASE DOPANT RETENTION IN A SEMICONDUCTOR DEVICE
SIGNATURE OF INVENTOR AND NAME	 FRANK SCOTT JOHNSON
RESIDENCE (CITY AND STATE)	25 Ash Road Wappingers Falls, NY 12590
DATE DECLARATION SIGNED	5/19/08

After recording, return Assignment to:

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