

PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Bradley M. Haskett</td> <td>03/17/2009</td> </tr> <tr> <td>John P. O'Connor</td> <td>03/17/2009</td> </tr> <tr> <td>Mark M. Miller</td> <td>03/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Bradley M. Haskett	03/17/2009	John P. O'Connor	03/17/2009	Mark M. Miller	03/20/2009				
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Texas Instruments Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>7839 Churchill Way</td> </tr> <tr> <td>Internal Address:</td> <td>MS 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>75251</td> </tr> </table>		Name:	Texas Instruments Incorporated	Street Address:	7839 Churchill Way	Internal Address:	MS 3999	City:	Dallas	State/Country:	TEXAS	Postal Code:	75251
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CORRESPONDENCE DATA													
<p>Fax Number: (972)917-4418</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 972-917-4371</p> <p>Email: uspto@ti.com</p> <p>Correspondent Name: TEXAS INSTRUMENTS INCORPORATED</p> <p>Address Line 1: P O BOX 655474, M/S 3999</p> <p>Address Line 4: DALLAS, TEXAS 75265</p>													
ATTORNEY DOCKET NUMBER:	TI-64900												
NAME OF SUBMITTER:	Angela L. Wilson												
<p>Total Attachments: 2</p> <p>source=EAssignment#page1.tif</p>													

CH \$40.00 12345421

500865141

PATENT
REEL: 022712 FRAME: 0561

Serial No.

Attorney Docket No.
TI-64900

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

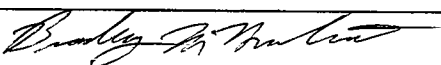
WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said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

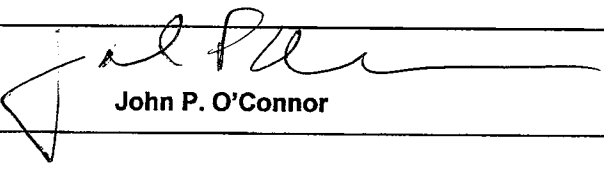
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents 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.

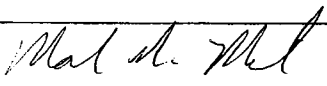
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	Micro-Optical Device Packaging System
SIGNATURE OF INVENTOR AND NAME	 Bradley M. Haskett
RESIDENCE (CITY AND STATE)	Allen, Texas
DATE DECLARATION SIGNED	3/17/09

TITLE OF INVENTION	Micro-Optical Device Packaging System
SIGNATURE OF INVENTOR AND NAME	 John P. O'Connor
RESIDENCE (CITY AND STATE)	Irving, Texas
DATE DECLARATION SIGNED	3/17/09

1024068

PATENT
REEL: 022712 FRAME: 0563

TITLE OF INVENTION	Micro-Optical Device Packaging System
SIGNATURE OF INVENTOR AND NAME	 Mark M. Miller
RESIDENCE (CITY AND STATE)	McKinney, Texas
DATE DECLARATION SIGNED	3/20/09

After recording, return Assignment to:

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