
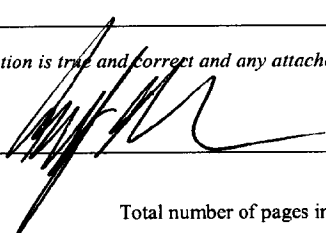


12-01-2004

FCRM PTO 1595 1-31-92		RECORD#			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and						ents or copy thereof.
1. Name and Address of Conveying Party(ies): ALL INDIVIDUALS Steven M. Penn 7312 Angel Fire Drive Plano, TX 75025 (Plano, Collin County, Texas)  Individual Citizenship: United States of America  Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			2. Name and Address of receiving Party(ies): Name: TEXAS INSTRUMENTS INCORPORATED  Mailing Address: Legal Department P.O. Box 655474, M/S 3999 Dallas, Texas 75265  Street Address: Legal Department 7839 Churchill Way, M/S 3999 Dallas, Texas 75251  Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other						
Execution Date: November 18, 2004						
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: November 18, 2004						
A. Patent Application No.(s):			B. Patent No.(s):  Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed to:  Name: Charles A. Brill, Esq. Internal Address: TEXAS INSTRUMENTS INCORPORATED Street Address: P.O. Box 655474, M/S 3999 City: Dallas State: Texas Zip 75265			6. Total number of application and patents involved: One  7. Total Fee (37C.F.R. 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account Number: No. 20-0668 of Texas Instruments Incorporated (Attach Duplicate Copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE						
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  Bradley P. Williams (Reg. No. 40,227)      Signature  Date November 19, 2004 Name of Person Signing  Total number of pages including cover sheet <input type="text" value="4"/>						
OMB No. 0651-0011 (exp. 4/94)						
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Mail documents to be recorded with required cover sheet information:  Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450 Alexandria, VA 22313-1450  Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503						

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FORM PTO-1595  
ATTACHMENT

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Dana F. Segler, Jr.  
2056 Londonderry Drive  
Allen, TX 75013  
(Allen, Collin County, Texas)

Citizenship: United States of America

Attorney Docket No.  
TI-36178 (032350.B636)

## ASSIGNMENT

1

## 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, having a place of business at 7839 Churchill Way, MS 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 and 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 to issue all patents for said invention, or patents 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	SYSTEM AND METHOD FOR LIGHT SOURCE MODULATION		
Signature of Inventor and Name	 Steven M. Penn	 Dana F. Segler, Jr.	
Date	11/18, 2004	11/18, 2004	
RESIDENCE (City, County, State)	Plano, Collin County, Texas	Allen, Collin County, Texas	
P.O. ADDRESS (Address, City, State, and Zip)	7312 Angel Fire Drive Plano, TX 75025	2056 Londonderry Drive Allen, TX 75013	
Date Application Executed	11/18, 2004	11/18, 2004	

DAL01:826169.1

After recording, return Assignment to:  
Charles A. Brill, Esq.  
Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
Dallas, Texas 75265

DAL01:826169.1