

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Steven Monroe Penn	03/23/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Texas Instruments Incorporated
<b>Street Address:</b>	7839 Churchill Way, MS 3999
<b>City:</b>	Dallas
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75251
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11617032
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	TI-61303 (TII-1002US)
<b>NAME OF SUBMITTER:</b>	Paul S. Madan
<b>Total Attachments: 2</b> source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif	

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**ASSIGNMENT**

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **TEXAS INSTRUMENTS INCORPORATED**, having a place of business at **7839 CHURCHILL WAY, MS 3999, DALLAS, TEXAS 75251**, the entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**APPARATUS AND METHOD FOR PRODUCING LIGHT USING LASER EMISSION**," further identified as U.S. Application Serial No. **11/617,032**, filed **December 28, 2006**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

**AUTHORIZE AND HEREBY REQUEST** the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **TEXAS INSTRUMENTS INCORPORATED**.

**WARRANT AND COVENANT** that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

**COVENANT**, when requested and at the expense of the Assignee, to carry out in good faith the intent and purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

**TO BE BINDING** on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

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IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature.

(Signature) *Steven Monroe Penn* Date 3/23/07

Name: **Steven Monroe Penn**  
7312 Angel Fire Drive  
Plano, Texas 75025-2619  
Citizenship: United States of America