

7-7-05

PTO Form 1595

**RECORDATIO**

07-18-2005  
103041979

Docket No.: LUX-P042

**IGNMENT**

113014 U.S. PTO  
11/177132  
070705

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:  
Please record the attached original documents or copy thereof.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>1. Name of conveying party:</b>	<b>Execution Date:</b>
Inventor (s): <b>Masini, Gianlorenzo</b>	<u>7/6/2005</u>
<b>Gunn III, Lawrence C.</b>	<u>7/6/2005</u>
<b>Capellini, Giovanni</b>	<u>7/7/2005</u>

Serial No: Not Yet Assigned	Group Art Unit: (Not yet assigned)
Filed: 7/7/2005	Examiner: (Not yet assigned)

**2. Name and Address of Receiving party:** **Luxtera, Inc**  
**1819 Aston Avenue, Ste 102**  
**Carlsbad, CA 92008**

**3. Nature of Conveyance:** Assignment

**4. Patent Application(s) / Patent Number(s):** (not yet assigned)  
New Patent Application Entitled:

**“Germanium Silicon Heterostructure Photodetectors”**

**5. Name and address of party to whom correspondences concerning document should be mailed:**

Name: **DENNIS S. FERNANDEZ, ESQ.**  
Customer No: **22877**  
Address: **FERNANDEZ & ASSOCIATES, LLP**  
**PATENT ATTORNEYS**  
**PO BOX D**  
**MENLO PARK, CA 94025-6204**  
**PHONE: (650) 325-4999 FAX: (650) 325-1203**  
**EMAIL: *iploft@iploft.com***

**6. Total Number of applications and patents involved:** ONE

**7. Fee Calculation**

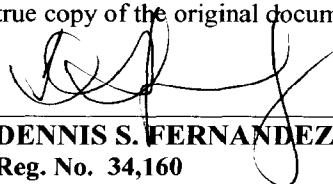
Assignment Recordation Fee	\$40.00	
<b>Total Fees (37 CFR 3.41):</b>	\$40.00	<u> X </u> Enclosed
		<u>     </u> Authorized to be charged to Deposit Account

**8. Deposit Account Number:**

In case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

**9. Statement and signature:**

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.

  
\_\_\_\_\_  
**DENNIS S. FERNANDEZ, ESQ**  
Reg. No. 34,160

Date: 7/7/05

07/12/2005 KBTEMA1 0000097 1117/32  
40.00 OP  
04 FC:8021

Application Serial No.: Not Yet Assigned  
Docket No: LUX-P042

**ASSIGNMENT**

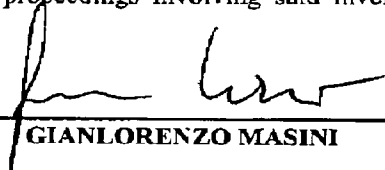
Whereas, We, **GIANLORENZO MASINI, LAWRENCE C. GUNN III and GIOVANNI CAPELLINI**, having agreed to assign the below identified invention to **LUXTERA, INC** ("LUXTERA"), a Delaware corporation having its principal place of business at **1819 Aston Avenue, Suite 102, Carlsbad, CA 92008** for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto **LUXTERA**, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

**GERMANIUM SILICON HETEROSTRUCTURE PHOTODETECTORS**

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of **LUXTERA**, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to **LUXTERA**, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature:  Date: 7/6/05  
**GIANLORENZO MASINI**

Inventor's Signature:  Date: 7/6/05  
**LAWRENCE C. GUNN III**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**GIOVANNI CAPELLINI**

**ASSIGNMENT**

Whereas, We, **GIANLORENZO MASINI, LAWRENCE C. GUNN III** and **GIOVANNI CAPELLINI**, having agreed to assign the below identified invention to **LUXTERA, INC ("LUXTERA")**, a Delaware corporation having its principal place of business at **1819 Aston Avenue, Suite 102, Carlsbad, CA 92008** for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto **LUXTERA**, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

**GERMANIUM SILICON HETEROSTRUCTURE PHOTODETECTORS**

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_, filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of **LUXTERA**, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to **LUXTERA**, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**GIANLORENZO MASINI**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**LAWRENCE C. GUNN III**

Inventor's Signature:  \_\_\_\_\_ Date: 07/07/05  
**GIOVANNI CAPELLINI**