

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
LUXTRON CORPORATION		04/12/2007	CORPORATION: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Comerica Bank		
<b>Street Address:</b>	75 East Trimble Road, M/C 4770		
<b>City:</b>	SAN JOSE		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95131		
<b>Entity Type:</b>	Banking Association: TEXAS		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	77883898	LUMASMART	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(858)638-5130		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
<b>Phone:</b>	858-638-6730		
<b>Email:</b>	susan.reynholds@dlapiper.com		
<b>Correspondent Name:</b>	DLA Piper LLP (US)		
<b>Address Line 1:</b>	4365 Executive Drive, Suite 1100		
<b>Address Line 2:</b>	Attention: Susan Reynolds		
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121		
<b>ATTORNEY DOCKET NUMBER:</b>	329034-269		
<b>NAME OF SUBMITTER:</b>	Troy Zander		
<b>Signature:</b>	/s/ Troy Zander		
<b>Date:</b>	09/17/2010		

CH \$40.00 77883898

**Total Attachments: 8**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of April 12, 2007 by and between COMERICA BANK ("Bank") and LUXTRON CORPORATION, a Delaware corporation ("Grantor").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations (the "Loans") to Lumasense Technologies, Inc. ("Borrower"), the Parent company of Grantor, in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Borrower dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement).

B. Pursuant to the terms of that certain Third Party Security Agreement dated of even date herewith (the "Third Party Security Agreement"), Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral and pursuant to the terms of that certain Unconditional Guaranty of even date herewith (the "Guaranty"), Grantor has guaranteed the performance of all of Borrower's Obligations under the Loan Agreement.

C. Bank is willing to make the Loans to Borrower, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Guaranty and the Third Party Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Third Party Security Agreement and the Guaranty and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure its obligations under the Third Party Security Agreement, the Guaranty and under any other agreement now existing or hereafter arising between Grantor and Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Schedules A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Third Party Security Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Third Party Security Agreement, the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Third Party Security Agreement, the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Third Party Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

3033 Scott Blvd.  
Santa Clara, CA 95054

Attn: Chief Executive Officer

LUXTRON CORPORATION

By:



VIVEK JOSHI

Title:

CEO

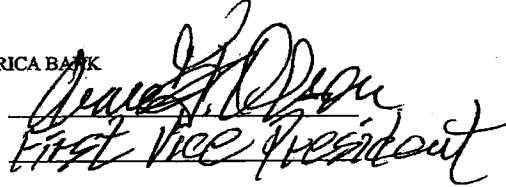
BANK:

Address of Bank:

75 East Trimble Road, M/C 4770  
San Jose, California 95131  
Attn: Manager

COMERICA BANK

By:



Title:

GT6523497.3  
329034-900000

EXHIBIT A

Copyrights

	<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
	None.		

**EXHIBIT B**

Patents

<b>Description</b>	<b>Application/Patent Number</b>	<b>Application/Filing Date</b>
1. Emissivity corrected radiation pyrometer integrated with a reflectometer and roughness sensor for measuring true surface temperature at a distance from the sample	10/616,254	7/8/2003
2. System and Method for Monitoring Temperature During electrosurgery or Laser Therapy	11/499,530	8/4/2006
3. In Situ Optical Surface Temperature Measuring Techniques and Devices	11/361,543	2/24/2006
4. Utility Transformer Measurement Probe	11/337,641	1/23/2006
5. Devices, Systems and Methods for Determining Temperature and/or Optical Characteristics of a Substrate	11/241,579	9/30/2005
6. Endpoint Detection Technique Using Signal Slope De	066350	5/1/94
7. In Situ Technique for Monitoring and Controlling a	099818	5/7/99
8. Optical Sensors For Detecting Physical Parameters	144630	7/12/89
9. Optical Sensors For Detecting Physical Parameters	161671	6/27/90
10. Fiber Optic Sensor With a Fluorescing Substance	174506	10/23/91
11. Optical Techniques For Measuring Layer Thicknesses And Other Surface Character	199054	2/29/00
12. Optical Temperature Measurement Techniques	203992	2/17/93
13. Sensors For Detecting Electromagnetic Parameters U	345142	7/28/93
14. An Electro-Optical Board Assembly For Measuring The Temperature Of An Object Surface From Infra-Red Emissions Thereof, Including An Automatic Gain Control Therefore	0347727	9/22/95
15. Fiberoptic Techniques For Measuring The Magnitude	0390651	5/1/96
16. Three-Parameter Optical Fiber Sensor And System	0392897	12/29/93
17. Modular Luminescence-Based Measuring System Using Fast Digital Signal Processing	0560903	1/7/98
18. An Electro-Optical Board Assembly For Measuring The Temperature Of An Object Surface From Infra-Red Emissions Thereof, Including An Automatic Gain Control Therefore	0783672	9/22/95
19. Optical Sensors For Detecting Physical Parameters	1,251,057	3/14/89
20. Non-Contact Optical Techniques For Measuring Surface	1,263,922	12/19/89
21. Optical Temperature Measurement Techniques	1,264,236	1/9/90
22. Fiberoptic Sensing of Temperature and/or Other Phy	1,292,368	11/26/91
23. Programmable Calibrated Optical Fiber Thermometer	1916872	3/23/95
24. Optical Temperature Measurement Techniques	2035740	3/28/96
25. Three-Parameter Optical Fiber Sensor And System	3040103	3/3/00
26. Optical Fiber Thermometer	3192161	5/25/01
27. Modular Luminescence-Based Measuring System Using Fast Digital Signal Processing	3249820	11/9/01
28. Endpoint Detection Technique Using Signal Slope De	3,375,338	11/28/98
29. Hi-Temp Black Body Tip Sensor	4,576,486	
30. Multi-Channel Fiber Optic Connector	4,712,864	5/2/85
31. Blackbody Radiation Sensing Optical Fiber Thermometer	4,750,139	8/29/85
32. Optical Temperature Measurement Techniques	4,789,992	3/19/87
33. Method Of Making A Fiberoptic Sensor Of A Microwave	4,816,634	10/23/87
34. Method and Apparatus for Determining Temperature in Blackbody Radiation Sensing System	4,845,647	1/24/85
35. Optical System Using a Luminescent Material Sensor	4,859,079	8/4/88

<u>Description</u>	<u>Application/Patent Number</u>	<u>Application/Filing Date</u>
36. Fiberoptic Sensing of Temperature and/or Other Physical parameters	4,883,354	3/4/88
37. Sensors For Detecting Electromagnetic Parameters Utilizing Resonating Elements	4,897,541	6/2/88
38. Three-Parameter Optical Fiber Sensor And System	4,986,671	4/12/89
39. Fiberoptic Sensing of Temperature and/or Other Physical parameters	4,988,212	8/22/89
40. Method And Apparatus For Monitoring Particles Using	5012119	4/29/87
41. Dew point measuring apparatus installation system	5,024,532	
42. Optical Fiber Thermometer	5052214	10/1/91
43. Light Collection Method And apparatus	5064269	11/11/87
44. Knock detector using optical fiber thermometer	5,099,681	11/11/87
45. Modular Luminescence-Based Measuring System Using Fast Digital Signal Processing	5107445	12/4/90
46. Method Of Making A Fiberoptic Sensor Of A Microwave	5,109,595	4/1/91
47. Fiberoptic Techniques For Measuring The Magnitude	5,110,216	1/30/90
48. Temperature Measurement With Combined Photo-Luminescent and Blackbody sensing technique	5112137	5/12/92
49. Apparatus and Method for Monitoring Radiant Energy	5,138,149	9/5/90
50. Non-Contact Techniques For Measuring Temperature Of Radiation-Heated Objects	5,154,512	4/10/90
51. Techniques For Measuring The Thickness Of A Film F	5,166,080	4/29/91
52. Through The Wafer Optical Transmission Sensor	5,166,525	2/11/91
53. Temperature Measurement With Combined Photo-Luminescent and Blackbody sensing technique	5,183,338	12/13/91
54. Method Of Endpoint Detection And Structure Therefo	5,190,614	9/5/90
55. Method For Control Of Photoresist Develop Processe	5,196,285	3/23/93
56. Interference Removal	5,208,644	5/4/93
57. Autocalibrating dual sensor non-contact temperature measuring device	5,216,625	
58. Method For Control Of Photoresist Develop Processes	5,292,605	3/8/94
59. Autocalibrating dual sensor non-contact temperature measuring device	5,294,200	3/8/94
60. Luminescent Decay Time Measurements By Use Of A CCD Camera	5,304,809	9/15/92
61. Endpoint and Uniformity Determinations in Material Layer Processing Through Monitoring Multiple Surface Regions Across The Layer	5,308,447	6/9/92
62. Non-Contact Optical Techniques For Measuring Surface Conditions	5,310,260	12/28/92
63. Non-Contact Techniques For Measuring Temperature Of Radiation-Heated Objects	5,318,362	9/11/92
64. Modular Luminescence-Based Measuring System Using Fast Digital Signal Processing	5,351,268	10/8/91
65. Processing Endpoint Detecting Technique and Detect	5,362,969	4/23/93
66. Thermally Fused Composite Ceramic Blackbody Temper	5,364,186	4/28/92
67. Measuring System Employing A Luminescent Sensor An	5,414,266	6/11/93
68. Interference Removal	5,414,504	2/19/93
69. Autocalibrating non-contact temperature measuring technique employing dual recessed heat flow sensors	5,464,284	
70. Apparatus and Method for Measuring Temperatures at a Plurality of locations using luminescent-type temperature	5,470,155	6/11/93

<u>Description</u>	<u>Application/Patent Number</u>	<u>Application/Filing Date</u>
71. Non-Contact Optical Techniques For Measuring Surface	5,490,728	1/12/94
72. Optical Techniques Of Measuring Endpoint During Th	5,499,733	9/16/93
73. Temperature Measuring System Having Improved Signals	5,600,147	6/6/95
74. Optical Techniques Of Measuring Endpoint During The Process Of Material Layers In An Optically Hostile Environment	5,695,660	3/14/96
75. An Electro-Optical Board Assembly For Measuring The Temperature Of An Object Surface From Infra-Red Emissions Thereof, Including An Automatic Gain Control Therefore	5,717,608	9/26/94
76. Non-Contact Optical Techniques For Measuring Surface Conditions	5,769,540	1/12/94
77. Interference Removal	5,786,886	5/8/95
78. Method and apparatus for measuring atomic vapor density in deposition systems	5,880,823	6/10/1994
79. Optical Techniques Of Measuring Endpoint During Th	5,891,352	6/11/97
80. An Electro-Optical Board Assembly For Measuring The Temperature Of An Object Surface From Infra-Red Emissions Thereof, Including An Automatic Gain Control Therefore	5,897,610	9/26/97
81. Interference Removal	5,946,082	6/16/98
82. In Situ Technique for Monitoring and Controlling a	6,010,538	1/11/96
83. Signal Processing For In Situ Monitoring of the Fo	6,028,669	7/23/97
84. Optical Techniques of Measuring Endpoint During th	6,077,452	4/14/99
85. Optical Techniques of Measuring Endpoint During th	6,110,752	8/27/97
86. Polarization Interferometer Spectrometer with Rotatable Birefringent Element	6222632	4/24/01
87. Liquid Etch Endpoint Detection and Process Metrology	6,406,641	6/17/97
88. Optical Techniques of Measuring Endpoint During th	6,413,147	7/1/98
89. Optical Techniques Of Measuring Endpoint During Th	6,426,232	6/15/98
90. Optical Technique for Measuring Layer Thicknesses and other surface characteristics of objects such as semiconductor wafers	6,570,662	5/24/1999
91. In Situ Optical Surface Temperature Measuring Techniques and Devices	6,572,265	4/20/01
92. Optical Technique for Measuring Layer Thicknesses and other surface characteristics of objects such as semiconductor wafers	6,654,132	5/24/00
93. Optical Technique for Measuring Layer Thicknesses and other surface characteristics of objects such as semiconductor wafers	6,934,040	9/26/2003
94. Optical Technique for Measuring Layer Thicknesses and other surface characteristics of objects such as semiconductor wafers	7,042,581	12/15/2004
95. In Situ Optical Surface Temperature Measuring Techniques and Devices	7,080,940	5/5/2004
96. Emissivity corrected radiation pyrometer integrated with a reflectometer and roughness sensor for measuring true surface temperature at a distance from the sample	20030021835	7/11/2003
97. In situ optical surface temperature measuring techniques and devices	20040258130	12/23/04
98. Optical techniques for measuring layer thicknesses and other surface characteristics of objects such as semiconductor wafers	20050105103	5/19/05
99. In situ optical surface temperature measuring techniques and devices	20060140248	6/29/06



<u>Description</u>	<u>Application/Patent Number</u>	<u>Application/Filing Date</u>
100. Building perimeter thermal energy control system	4784212	11/21/86
101. Control apparatus for regulating building perimeter temperature change system	4274475	6/23/81
102. Suspended dielectric and microstrip type microwave phase shifter and application to lobe scanning antennae networks	5504466	4/2/96
103. Fiber optic thermal anemometer	4621929	11/11/86
104. Optical sensors for detecting physical parameters utilizing vibrating piezoelectric elements	4678905	7/7/87
105. Optical system for an instrument to detect the temperature of an optical fiber phosphor probe	4459044	7/10/84
106. Dew point measuring apparatus	4579462	4/1/86
107. Differential temperature control	D274043	5/29/84
108. Data not available	3715923	05057629
109. Optical temperature measurement technique utilizing phosphors	4075493	2/21/78
110. Optical temperature measurement technique utilizing phosphors	4215275	7/29/80
111. Optical temperature measurement technique utilizing phosphors	4448547	5/15/84
112. Multiplexing and calibration techniques for optical signal measuring instruments	4558217	12/10/85
113. Optical temperature measurement techniques utilizing phosphors	4560286	12/24/85
114. Technique for optically measuring the temperature of an ultrasonically heated object	4626110	12/2/86
115. Optical temperature measurement techniques	4652143	3/24/87
116. Fiberoptic sensing of temperature and/or other physical parameters	4752141	6/21/88
117. Optical fiber probe for measuring the temperature of an ultrasonically heated object	4785824	11/22/88
118. Dew point measuring method and apparatus	5165793	11/24/92

EXHIBIT C

Trademarks

<u>Description</u>	<u>Serial /Registration No.</u>	<u>Date</u>
1. ILLUMA	78656476	6/22/2005
2. THERMASSET	78306554	9/29/2003
3. OPTIMA 90000	75264397	5/25/1999
4. ACCUFIBER	74090171	8/21/1990
5. FLUOROPTIC	73616762	8/26/1986
6. LUXTRON	73616723	8/26/1986
7. LUMASMART	77883898	12/2/2009