

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>William Johnstone Ray</td> <td>03/15/2012</td> </tr> <tr> <td>Mark David Lowenthal</td> <td>03/19/2012</td> </tr> <tr> <td>Neil O. Shotton</td> <td>03/15/2012</td> </tr> <tr> <td>Richard A. Blanchard</td> <td>03/16/2012</td> </tr> <tr> <td>Mark Allan Lewandowski</td> <td>03/15/2012</td> </tr> <tr> <td>Brad Oraw</td> <td>03/15/2012</td> </tr> <tr> <td>Jeffrey Baldrige</td> <td>03/15/2012</td> </tr> <tr> <td>Eric Anthony Perozziello</td> <td>03/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	William Johnstone Ray	03/15/2012	Mark David Lowenthal	03/19/2012	Neil O. Shotton	03/15/2012	Richard A. Blanchard	03/16/2012	Mark Allan Lewandowski	03/15/2012	Brad Oraw	03/15/2012	Jeffrey Baldrige	03/15/2012	Eric Anthony Perozziello	03/17/2012
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>NthDegree Technologies Worldwide Inc</td> </tr> <tr> <td>Street Address:</td> <td>1320 West Auto Drive</td> </tr> <tr> <td>City:</td> <td>Tempe</td> </tr> <tr> <td>State/Country:</td> <td>ARIZONA</td> </tr> <tr> <td>Postal Code:</td> <td>85284</td> </tr> </table>		Name:	NthDegree Technologies Worldwide Inc	Street Address:	1320 West Auto Drive	City:	Tempe	State/Country:	ARIZONA	Postal Code:	85284								
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PROPERTY NUMBERS Total: 1																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13223289</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13223289														
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Application Number:	13223289																		
CORRESPONDENCE DATA																			
Fax Number:	(312)276-4176																		
Phone:	312-399-9332																		
Email:	ngamburd@gamburdlaw.com																		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	Nancy R. Gamburd																		
Address Line 1:	22 West Washington St.																		
Address Line 2:	Suite 1500																		
Address Line 4:	Chicago, ILLINOIS 60602																		

OP \$40.00 13223289

PATENT

ATTORNEY DOCKET NUMBER:	1120.020
NAME OF SUBMITTER:	Nancy R. Gamburd
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ASSIGNMENT AND AGREEMENT

For value received, we, **Mark David Lowenthal** of the City of Gilbert in the State of Arizona, U.S.A., **William Johnstone Ray** of the City of Fountain Hills in the State of Arizona, U.S.A., **Neil O. Shotton** of the City of Tempe in the State of Arizona, U.S.A., **Richard A. Blanchard** of the City of Los Altos in the State of California, U.S.A., **Mark Allan Lewandowski** of the City of North Port in the State of Florida, U.S.A., **Brad Oraw** of the City of Mesa in the State of Arizona, U.S.A., **Jeffrey Baldridge** of the City of Chandler in the State of Arizona, U.S.A. and **Eric Anthony Perozziello** of the City of Stanford in the State of California, U.S.A., hereby sell, assign and transfer to **NthDegree Technologies Worldwide Inc**, a corporation of the State of Delaware, having an office at 1320 West Auto Drive, Tempe, Arizona, 85284 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **LIGHT EMITTING, POWER GENERATING OR OTHER ELECTRONIC APPARATUS** described and claimed in an application for Letters Patent of the United States executed by us and filed on August 31, 2011 as **U.S. Patent Application Serial No. 13/223,289**, and **all divisional, continuation and continuation-in-part applications thereof**, and all the rights and privileges in said applications and under any and all Letters Patent that may be granted in the United States for said inventions; we also concurrently hereby sell, assign and transfer to NthDegree Technologies Worldwide Inc, the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions; and further we also concurrently hereby sell, assign and transfer to NthDegree Technologies Worldwide Inc, the entire right, title and interest in and to any and all claims of priority of and the benefits claimed in said **U.S. Patent Application Serial No. 13/223,289**, including without limitation as a non-provisional of and with claims of priority to and the benefit of U.S. Provisional Patent Application Serial No. 61/379,225, filed September 1, 2010, U.S. Provisional Patent Application Serial No. 61/379,284, filed September 1, 2010, U.S. Provisional Patent Application Serial No. 61/379,820, filed September 3, 2010, and U.S. Provisional Patent Application Serial No. 61/379,830, filed September 3, 2010; with a further claim of priority to and as a continuation-in-part of U.S. Patent Application Serial No. 11/756,616, filed May 31, 2007; with a further claim of priority to and as a continuation-in-part of U.S. Patent Application Serial No. 12/601,268, filed November 22, 2009 and having a Section 371(c) date of May 22, 2010, which further claims priority to and is a continuation-in-part of U.S. Patent Application Serial No. 11/756,616, filed

U.S. Patent Application Serial No. 13/223,289 and all divisional, continuation and continuation-in-part applications thereof.

May 31, 2007 and U.S. Patent Application Serial No. 11/756,619, filed May 31, 2007 and issued July 5, 2011 as U.S. Patent No. 7,972,031, and which further claims priority to and is a Section 371 national phase application of international application PCT/US2008/65237 filed May 30, 2008 which further claims priority to U.S. Patent Application Serial No. 11/756,616, filed May 31, 2007 and U.S. Patent Application Serial No. 11/756,619, filed May 31, 2007 and issued July 5, 2011 as U.S. Patent No. 7,972,031; with a further claim of priority to and as a continuation-in-part of U.S. Patent Application Serial No. 13/149,681, filed May 31, 2011 which further claims priority to and is a continuation of U.S. Patent Application Serial No. 11/756,619, filed May 31, 2007 and issued July 5, 2011 as U.S. Patent No. 7,972,031; and with a further claim of priority to and as a continuation-in-part of U.S. Patent Application Serial No. 12/601,271, filed November 22, 2009 and having a Section 371(c) date of May 22, 2010, which further claims priority to and is a continuation-in-part of U.S. Patent Application Serial No. 11/756,616, filed May 31, 2007 and U.S. Patent Application Serial No. 11/756,619, filed May 31, 2007 and issued July 5, 2011 as U.S. Patent No. 7,972,031, and which further claims priority to and is a Section 371 national phase application of international application PCT/US2008/65230 filed May 30, 2008 which further claims priority to U.S. Patent Application Serial No. 11/756,616, filed May 31, 2007 and U.S. Patent Application Serial No. 11/756,619, filed May 31, 2007 and issued July 5, 2011 as U.S. Patent No. 7,972,031.

We authorize NthDegree Technologies Worldwide Inc to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of NthDegree Technologies Worldwide Inc to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

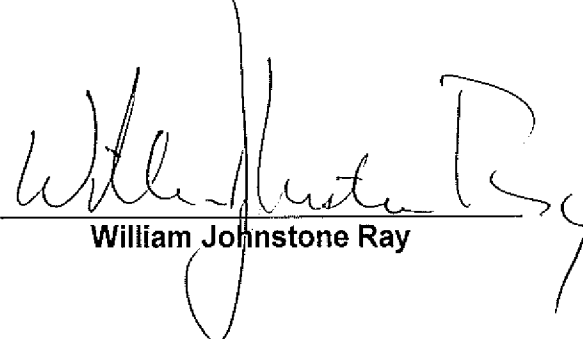
We request that any and all patents for said inventions be issued to NthDegree Technologies Worldwide Inc in the United States and in all countries foreign to the United States, or to such nominees as NthDegree Technologies Worldwide Inc may designate.

U.S. Patent Application Serial No. 13/223,289 and all divisional, continuation and continuation-in-part applications thereof.

We agree that, when requested, we shall, without charge to NthDegree Technologies Worldwide Inc but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date:

3/15/12

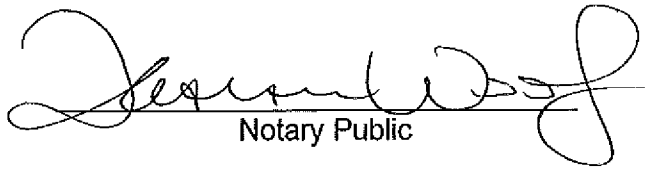

William Johnstone Ray

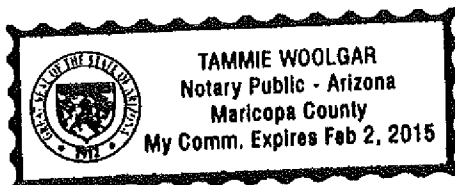
United States of America)

State of Arizona) ss.:

County of Maricopa)

On this 15th day of March, 2012, before me personally came **William Johnstone Ray**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



Mark David Lowenthal

Mark David Lowenthal

Date: 3/19/2011

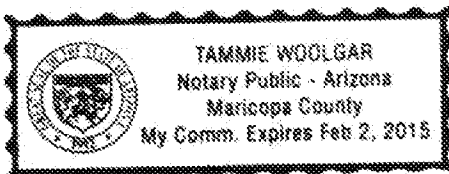
United States of America)

State of Arizona) ss.:

County of Maricopa)

On this 19th day of March, 2012, before me personally came **Mark David Lowenthal**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Tammie Woolgar
Notary Public



Date: 3/15/12



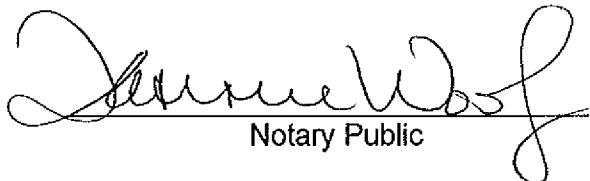
Neil O. Shotton

United States of America)

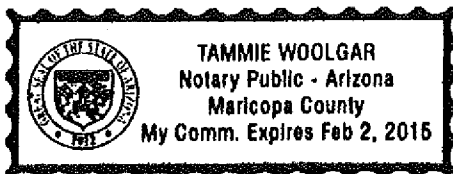
State of Arizona) ss.:

County of Maricopa)

On this 15th day of March, 2012, before me personally came **Neil O. Shotton**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



Richard A. Blanchard
Richard A. Blanchard

Date: March 16, 2012

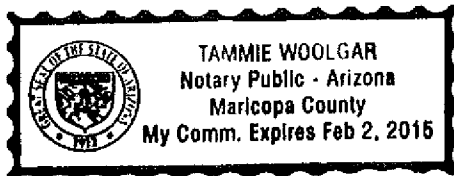
United States of America)

State of California Arizona ss.:

County of Maricopa)

On this 16th day of March, 2012, before me personally came
Richard A. Blanchard, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.

Tammie Woolgar
Notary Public



Date: 3/15/12

Mark Allan Lewandowski
Mark Allan Lewandowski

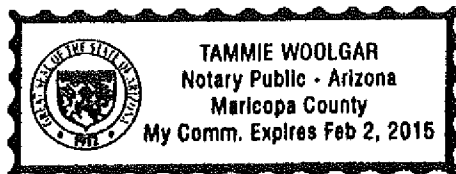
United States of America)

State of Arizona) ss.:


County of Maricopa)

On this 15th day of March, 2012, before me personally came **Mark Allan Lewandowski**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Tammie Woolgar
Notary Public



Date: 3/15/2012



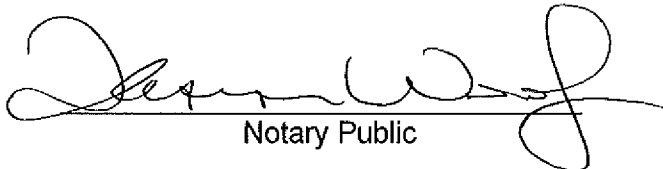
Brad Oraw

United States of America)

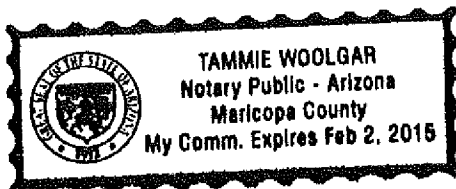
State of Arizona) ss.:

County of Maricopa)

On this 15th day of March, 2012, before me personally came **Brad Oraw**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



Date: 3/15/12

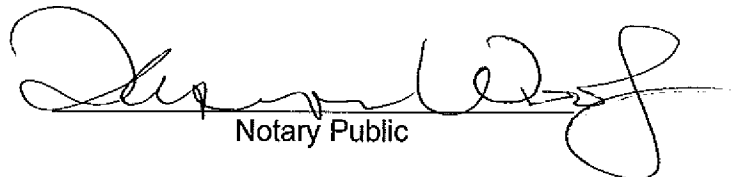

Jeffrey Baldridge

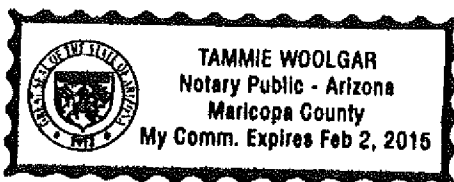
United States of America)

State of Arizona) ss.:

County of Maricopa)

On this 15th day of March, 2012, before me personally came **Jeffrey Baldridge**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



U.S. Patent Application Serial No. 13/223,289 and all divisional, continuation and continuation-in-part applications thereof.

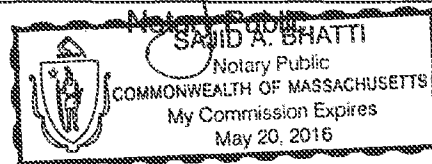
EA Perozziello

Eric Anthony Perozziello

Date: 17-MAR-2012

United States of America)
State of ~~California~~ ^{Massachusetts}) ss.:
County of ~~Santa Clara~~ ^{Middlesex})

On this 17th day of March, 2012, before me personally came **Eric Anthony Perozziello**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



NthDegree Technologies Worldwide Inc
1320 West Auto Drive
Tempe, Arizona 85284
U.S.A.

U.S. Patent Application Serial No. 13/223,289 and all divisional, continuation and continuation-in-part applications thereof.