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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2879655

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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>                |
| WILLIAM JOHNSTONE RAY   | 11/16/2009                           |
| MARK DAVID LOWENTHAL  | 11/13/2009                           |
| NEIL O. SHOTTON   | 11/13/2009                           |
| RICHARD A. BLANCHARD  | 11/18/2009                           |
| MARK ALLAN LEWANDOWSKI  | 11/13/2009                           |
| KIRK A. FULLER  | 11/19/2009                           |
| <b>RECEIVING PARTY DATA</b>   |                                      |
| <b>Name:</b>  | NthDegree Technologies Worldwide Inc |
| <b>Street Address:</b>  | 1320 West Auto Drive                 |
| <b>City:</b>  | Tempe                                |
| <b>State/Country:</b>   | ARIZONA                              |
| <b>Postal Code:</b>   | 85284                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| <b>Application Number:</b>  | 13763642                             |
| <b>CORRESPONDENCE DATA</b>  |                                      |
| <b>Fax Number:</b>  | (312)276-4176                        |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                      |
| <b>Phone:</b>   | 312-399-9332                         |
| <b>Email:</b>   | ngamburd@gamburdlaw.com              |
| <b>Correspondent Name:</b>  | NANCY R. GAMBURD                     |
| <b>Address Line 1:</b>  | 22 WEST WASHINGTON ST.               |
| <b>Address Line 2:</b>  | SUITE 1500                           |
| <b>Address Line 4:</b>  | CHICAGO, ILLINOIS 60602              |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 1120.013.CN!                         |
| <b>NAME OF SUBMITTER:</b>   | NANCY R. GAMBURD                     |
| <b>SIGNATURE:</b>   | /Nancy R. Gamburd/                   |
| <b>DATE SIGNED:</b>   | 06/02/2014                           |
| <b>Total Attachments: 7</b>   |                                      |

PATENT

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## ASSIGNMENT AND AGREEMENT

For value received, we, **William Johnstone Ray** of the City of Fountain Hills in the State of Arizona, U.S.A., **Mark David Lowenthal** of the City of Gilbert in the State of Arizona, U.S.A., **Neil O. Shotton** of the City of Perry in the State of Florida, 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 Tempe in the State of Arizona, U.S.A., and **Kirk A. Fuller** of the City of Madison in the State of Alabama, 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, PHOTOVOLTAIC OR OTHER ELECTRONIC APPARATUS AND SYSTEM** described and claimed in an application for Letters Patent of the United States executed by us and filed on September 15, 2009 as U.S. Patent Application Serial No. 12/560,334 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; and 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.

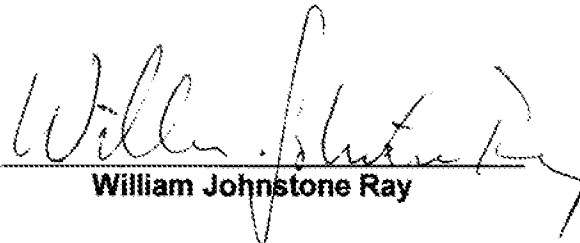
We authorize NthDegree Technologies Worldwide Inc to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without 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.

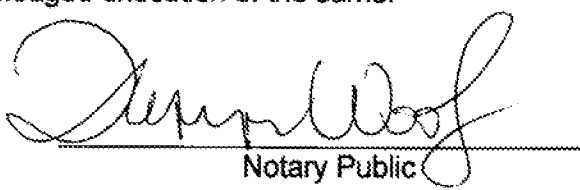
We agree that, when requested, we shall, without charge to NthDegree Technologies Worldwide Inc but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

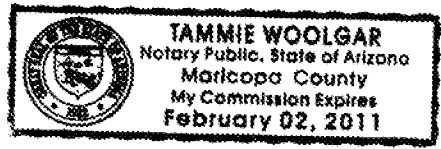
Date: 11/16/09

  
William Johnstone Ray

United States of America )  
State of Arizona ) ss.:  
County of Maricopa )

On this 16<sup>th</sup> day of November, 2009, 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



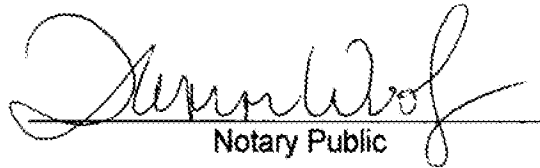


**Mark David Lowenthal**

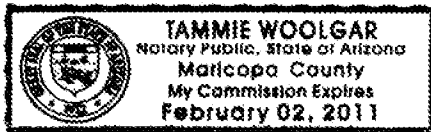
Date: 11/13/2009


United States of America )  
State of Arizona ) ss.:  
County of Maricopa )

On this 13<sup>th</sup> day of November, 2009, 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.



Notary Public



  
\_\_\_\_\_  
Neil O. Shotton

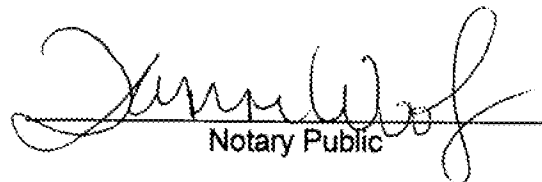
Date: 11/13/2009

United States of America )

State of Arizona ) ss.:

County of Maricopa )

On this 13<sup>th</sup> day of November, 2009, 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: Nov. 18, 2009

United States of America )

State of California ) ss.:

County of Santa Clara )

On this 18 day of November, 2009, 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.

Natalie Cebala  
Notary Public

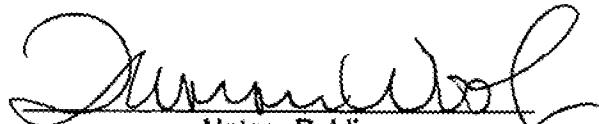


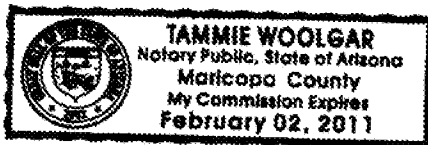
  
Mark Allan Lewandowski

Date: 11-13-09

United States of America )  
State of Arizona ) ss.:  
County of Maricopa )

On this 13<sup>th</sup> day of November, 2009, 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.

  
Notary Public





11/19/2009

  
Kirk A. Fuller Date:

United States of America )

State of Alabama ) ss.:

County of Madison )

On this 19 day of November, 2009, before me personally came Kirk A. Fuller, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

MY COMMISSION EXPIRES FEB. 8, 2011

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