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R SHEET

102880841 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. NAME OF CONVEYING PARTY(IES): 2. NAME AND ADDRESS OF RECEIVING PARTY(IES). DR. MARTIN RICHARDSON RESEARCH FOUNDATION OF THE UNIVERSITY OF CENTRAL FLORIDA, INCORPORATED 4000 CENTRAL FLORIDA BLVD. ORLANDO FL 32816 Additional name(s) and address(es) Additional name(s) of conveying party(ies) Yes X No Yes X No attached? attached? 3. NATURE OF CONVEYANCE: **ASSIGNMENT SECURITY** AGREEMENT MERGER **CHANGE OF NAME** OTHER EXECUTION DATE: 10/29/04 IF THIS DOCUMENT IS BEING FILED TOGETHER WITH A NEW APPLICATION, THE EXECUTION DATE OF THE APPLICATION IS: ATTORNEY DOCKET NO. UCF-435 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? _____ Yes ____ No 5. 6. Total number of applications and patents Name and address of party to whom correspondence concerning document involved: _one_ should be mailed: 7. Total Fee (37 CFR 3.41) \$40.00 Brian S. Steinberger, Esq. 101 Brevard Ave Enclosed Cocoa, FL 32922 Authorized to be charged to account 8. Account No. 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. BRIAN S. **STEINBERGER** (Name of person signing) Signature Total number of pages including cover sheet, attachments, and document: _TWO_

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RECORDATION COVER SHEET PG 1 OF 1

PATENT REEL: 015971 FRAME: 0153

FAX NO. 321 833 9322

UCP-435

X Assignment submitted with Initial filing

Attorney Docket No.: UCF-435

First Named Inventor: Dr. Martin Richardson

ASSIGNMENT

As a below named inventor(s) of an invention or improvement entitled; NANO-PARTICLE SEEDED SHORT-WAVELENGTH DISCHARGE LAMPS the specification of which is filed herewith, and for which is

X Attached hereto.

and for which we have executed an application for Letters Patent of the United States of America on even date herewith; and

WHEREAS, RESEARCH FOUNDATION OF THE UNIVERSITY OF CENTRAL FLORIDA, INCORPORATED, a Florida Non-Profit Organization organized and existing under the laws of the State of Florida, having its principal office and place of business in the City of Orlando, State of Florida, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer, and set over, unto said RESEARCH FOUNDATION OF THE UNIVERSITY OF CENTRAL FLORIDA, INCORPORATED, its successor, legal representatives, and assigns, my entire right, title, and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitution, and continuing applications, thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention, in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention, in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said RESEARCH FOUNDATION OF THE UNIVERSITY OF CENTRAL FLORIDA, INCORPORATED, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I/we hereby further covenant and agree that I/we will communicate to said RESEARCH FOUNDATION OF THE UNIVERSITY OF CENTRAL FLORIDA, INCORPORATED, its successors, logal representatives, and assigns, any fact known to me respecting said invention, and testify in any logal proceeding, sign all lawful papers, execute all divisions, renewal, substitution, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said RESEARCH FOUNDATION OF THE UNIVERSITY OF CENTRAL FLORIDA, INCORPORATED, its successors, legal representative, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I/we authorize and affirm said assignments with the signatures set forth below on the indicated date(s).

DR. MARTIN RICHARDSON

RECORDED: 11/05/2004

Date: 10/29/14

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PATENT REEL: 015971 FRAME: 0154