

11-13-2000



US 000211

Form PTO 1595 (Rev. 6-93)

10/6/00

101514141

U.S. Dept. of Commerce Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
David Alan Cammack

Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):  
 Name: Philips Electronics North America Corporation  
 Internal Address: \_\_\_\_\_  
 Street Address: 1251 Avenue of the Americas  
 City: New York State: NY Zip: 10020-1104  
 Additional name(s) & address(es) attached?  
 Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Terms  
 Other \_\_\_\_\_  
 Execution Date: August 22, 2000

4. Application number(s) or patent number(s): 09/684196  
 If this document is being filed together with a new application, the execution date of the application, is August 22, 2000.

A. Patent Application No.(s) B. Patent No.(s)  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Philips Electronics North America Corp.  
 Internal Address: \_\_\_\_\_  
 Street Address: 580 White Plains Road  
 City: Tarrytown State: NY Zip: 10591

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) ...\$40.00  
 Enclosed  Authorized to Deposit Account

8. Deposit Account Number: 14-1270  
 (Attach duplicate copy of this page paying by deposit account)

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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.

Robert J. Kraus, Reg. 26,358  
 Name of Person Signing

[Signature]  
 Signature

10-5-00  
 Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

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PATENT

REEL: 011222 FRAME: 0119

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SOLE/JOINT ASSIGNMENT

Docket No. US000211

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Philips Electronics North America Corporation, a corporation having a place of business at 1251 Avenue of the Americas, New York, NY 10020-1104, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to **A System and Method for Employing Pulse Width Modulation for Reducing Vertical Segregation in a Gas Discharge Lamp** as described in the U.S. patent application  
 [ X ] executed concurrently herewith,  
 [ ] executed on \_\_\_\_\_,  
 [ ] filed in the United States Patent and Trademark Office  
on \_\_\_\_\_ as Serial Number \_\_\_\_\_,

(2) the foregoing application and all other U.S. and foreign patent applications based thereon, including divisions, continuations, reissues, and extensions, and

(3) all patents granted on these applications.

I will provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee. I authorize and request that these patents be issued to the Assignee.

I certify that I have the full right to convey the above rights.

Sept 18, 2000      (signature\*) David Alan Cammack, Assignor  
Date                      David Alan Cammack

\_\_\_\_ (signature\*) \_\_\_\_\_, Assignor  
Date

\_\_\_\_ (signature\*) \_\_\_\_\_, Assignor  
Date

\_\_\_\_ (signature\*) \_\_\_\_\_, Assignor  
Date