10-04-1999

PHA 23,219 UCL		
Form PTO 1595 RECORDAL 1 (Rev. 6-93) PAIENIS UNLT	01160583 J.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): PAWEL M. GRADZKI WEN-JIAN GU IHOR T. WACYK	Name and address of receiving party(ies): Name: PHILIPS ELECTRONICS NORTH AMERICA CORPORATION Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 1251 Avenue of the Americas	
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Terms Other Execution Date: September 15,17, 1997	City: New York State: NY Zip: 10020-1104 Additional name(s) & address(es) attached? Yes X	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application, is A. Patent Application No.(s) 08/932,986 Additional numbers attached? Yes X No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Philips Electronics North America Corporation Internal Address: Street Address: 580 White Plains Road	7. Total fee (37 CFR 3.41)\$40.00 Enclosed X Authorized to Deposit Account	
City: <u>Tarrytown</u> State: <u>NY</u> Zip: <u>10591</u>	8. Deposit Account Number: 14-1270 (Attach duplicate copy of this page paying by deposit account)	
DO NOT USE THIS SPACE		
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. Bernard Franzblau Name of Person Signing Signature Date		
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 3		

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

10/01/1999 DNGUYEN 00000493 141270

01 FC:581 40.00 CH

SOLE/JOINT ASSIGNMENT Docket No. PHA 23,219

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 Delaware corporation having a place of business at 100 East 42nd Street, New York, NY 10017, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

- - [] 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 prosecutional 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.

	(signature)	, Assignor
Date	(printed name') Pawel M. Gradzki	
50,7.17.1997 Date	(printed name') Wen-Sian Gu	, Assignor
Date	(signature') (printed name') Ihor T. Wacyk	, Assignor
Chaha a f		

State of County of

On this 17 th day of September, 1997 before me personally appeared known to me to be the person(s) who executed the foregoing assignment and acknowledged to

me that he/they executed this assignment of his/their own free will.

Notary Public

S:\BK\MO12BKA1.WAO

PATENT REEL: 010274 FRAME: 0388

SOLE/JOINT ASSIGNMENT Docket No. PHA 23,219

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 Delaware corporation having a place of business at 100 East 42nd Street, New York, NY 10017, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

Assignee"): (1) my/our invention relating to A HIGH EFFICIENCY DIMMABLE COLD CATHODE FLUORESCENT LAMP BALLAST as described in the U.S. patent application [X] executed concurrently herewith, [] executed on [] filed in the United States Patent and Trademark Office 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 prosecutional 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. (signature') Pollul M. Selle , Assignor (printed name') Pawel M. Gradzki (signature') (printed name') Wen-Jian Gu Sept. 15, 1997 (signature) Mor T. Ware (printed name') Ihor T. Wacvk

State of $Nc\omega Y_{ork}$ County of $Nc\omega Y_{ork}$

On this 15th day of September, 1997 before me personally appeared how to me to be the person(s) who executed the forestime and interest and interest

to me to be the person(s) who executed the foregoing assignment and acknowledged to me that be they executed this assignment of big their own free will.

EDWARD M. BLOCKER
Notary Public, State of New York
S:\BK\M012BKA1.WA0 No. 30.4862779
Qualified in Nassau County
Certificate Filed in New York County
Commission Expires May 27, 1997

Notary Public

PATENT REEL: 010274 FRAME: 0389

RECORDED: 09/30/1999