

01-15-1999



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Department 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):  
 Chin Chang  
 Joseph En-Cheng Chang  
 Gert W. Bruning

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

2. Name and address of receiving party(ies):  
 Name: Philips Electronics North America Corp.  
 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: Dec. 14, 17, 1999

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) 09/195,297 B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: U.S. Philips 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: 1-1270

(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.

Leroy Eason, Consulting Patent Attorney [Signature] 12/7, 1999  
 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

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01/14/1999 SBURNS 00000086 141270 09195297

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PATENT REEL: 9692 FRAME: 0230

**SOLE/JOINT ASSIGNMENT**

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 **1251 Avenue of the Americas, New York, New York 10020**, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

- (1) our invention relating to **Resonant Converter with Suppression Of High Voltage and Current Transients During Changes In Operating Condition** as described in the U.S. patent application
  - executed concurrently herewith,
  - executed on \_\_\_\_\_,
  - filed in the United States Patent and Trademark Office on **November 18, 1998** as Serial Number **09/195,297**,
- (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.

Dec 14 98 \_\_\_\_\_, Assignor  
 Date Chin Chang

\_\_\_\_\_, Assignor  
 Date Joseph En-Cheng Chang

Dec 14, 1998 \_\_\_\_\_, Assignor  
 Date Gert W. Bruning

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ )

On this 14th day of December, 1998 before me personally appeared Gert W. Bruning & Chin Chang 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.

Jean C Provenzano  
 Notary Public

JEAN C. PROVENZANO  
 NOTARY PUBLIC, State of New York  
 No. 4609688  
 Qualified in Westchester County  
 Commission Expires May 31, 1999

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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.

_____	_____	Assignor
Date	<b>Chin Chang</b>	
<u>12/17/98</u>	<u><i>Joseph En-Cheng Chang</i></u>	Assignor
Date	<b>Joseph En-Cheng Chang</b>	
_____	_____	Assignor
Date	<b>Gert W. Bruning</b>	

State of New York )  
County of Chenango )

On this 17<sup>th</sup> day of December, 1998 before me personally appeared Joseph En-Cheng Chang 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.

*Margaret R Weeks*  
Notary Public

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MARGARET R. WEEKS  
Notary Public in the State of New York  
Residing in Chenango County  
Reg. No. 4810004  
My Commission Expires 12/31/99