

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

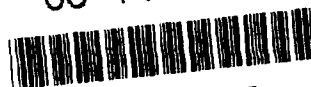
| SUBMISSION TYPE:  | NEW ASSIGNMENT                       |               |                                      |                         |                   |                |            |                     |             |              |         |
|---|--------------------------------------|---------------|--------------------------------------|-------------------------|-------------------|----------------|------------|---------------------|-------------|--------------|---------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                           |               |                                      |                         |                   |                |            |                     |             |              |         |
| CONVEYING PARTY DATA  |                                      |               |                                      |                         |                   |                |            |                     |             |              |         |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Charles Olewine</td> <td>02/16/2002</td> </tr> <tr> <td>Kevin F. Saiz</td> <td>02/18/2002</td> </tr> </tbody> </table>  |                                      | Name          | Execution Date                       | Michael Charles Olewine | 02/16/2002        | Kevin F. Saiz  | 02/18/2002 |                     |             |              |         |
| Name  | Execution Date                       |               |                                      |                         |                   |                |            |                     |             |              |         |
| Michael Charles Olewine   | 02/16/2002                           |               |                                      |                         |                   |                |            |                     |             |              |         |
| Kevin F. Saiz   | 02/18/2002                           |               |                                      |                         |                   |                |            |                     |             |              |         |
| RECEIVING PARTY DATA  |                                      |               |                                      |                         |                   |                |            |                     |             |              |         |
| <table border="1"> <tr> <td>Name:</td> <td>Koninklijke Philips Electronics N.V.</td> </tr> <tr> <td>Street Address:</td> <td>Groenewoudseweg 1</td> </tr> <tr> <td>City:</td> <td>Eindhoven</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>5621 BA</td> </tr> </table>   |                                      | Name:         | Koninklijke Philips Electronics N.V. | Street Address:         | Groenewoudseweg 1 | City:          | Eindhoven  | State/Country:      | NETHERLANDS | Postal Code: | 5621 BA |
| Name:   | Koninklijke Philips Electronics N.V. |               |                                      |                         |                   |                |            |                     |             |              |         |
| Street Address:   | Groenewoudseweg 1                    |               |                                      |                         |                   |                |            |                     |             |              |         |
| City:   | Eindhoven                            |               |                                      |                         |                   |                |            |                     |             |              |         |
| State/Country:  | NETHERLANDS                          |               |                                      |                         |                   |                |            |                     |             |              |         |
| Postal Code:  | 5621 BA                              |               |                                      |                         |                   |                |            |                     |             |              |         |
| PROPERTY NUMBERS Total: 3   |                                      |               |                                      |                         |                   |                |            |                     |             |              |         |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>7084042</td> </tr> <tr> <td>Patent Number:</td> <td>7456072</td> </tr> <tr> <td>Application Number:</td> <td>12257582</td> </tr> </tbody> </table>   |                                      | Property Type | Number                               | Patent Number:          | 7084042           | Patent Number: | 7456072    | Application Number: | 12257582    |              |         |
| Property Type   | Number                               |               |                                      |                         |                   |                |            |                     |             |              |         |
| Patent Number:  | 7084042                              |               |                                      |                         |                   |                |            |                     |             |              |         |
| Patent Number:  | 7456072                              |               |                                      |                         |                   |                |            |                     |             |              |         |
| Application Number:   | 12257582                             |               |                                      |                         |                   |                |            |                     |             |              |         |
| CORRESPONDENCE DATA   |                                      |               |                                      |                         |                   |                |            |                     |             |              |         |
| <p>Fax Number: (408)518-5671<br/>         Phone: 4085185540<br/>         Email: peter.zawilski@nxp.com<br/> <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Peter Stephen Zawilski<br/>         Address Line 1: NXP Intellectual Property &amp; Licensing<br/>         Address Line 2: 411 Plumeria Drive M/S-41<br/>         Address Line 4: San Jose, CALIFORNIA 95134</p> |                                      |               |                                      |                         |                   |                |            |                     |             |              |         |
| ATTORNEY DOCKET NUMBER:   | US018167US1, US2, US3                |               |                                      |                         |                   |                |            |                     |             |              |         |
| NAME OF SUBMITTER:  | PETER ZAWILSKI                       |               |                                      |                         |                   |                |            |                     |             |              |         |
| Total Attachments: 3<br>source=US018167US_Inventor-KPENV-Assignment#page1.tif<br>source=US018167US_Inventor-KPENV-Assignment#page2.tif<br>source=US018167US_Inventor-KPENV-Assignment#page3.tif   |                                      |               |                                      |                         |                   |                |            |                     |             |              |         |

CH \$120.00 7084042

Form PTO 1595  
U.S. Dept. of Commerce  
(Rev. 6-93)



03-14-2002



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

1. Name of conveying party(ies):

Michael Charles Olewine; Kevin F. Saiz

3-4-02

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Koninklijke Philips Electronics N.V.

Internal Address:

Street Address: Groenewoudseweg 1

City: Eindhoven Country: The Netherlands

Zip: 5621 BA

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Terms

☐ Other

Execution Date: 16-Feb-2002; 18-Feb-2002

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) 09/973,640

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

(SERIAL NO.)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Philips Electronics North America

Internal Address:

Street Address: 580 White Plains Road

City: Tarrytown State: NY Zip: 10591

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) ...

\$40

☐ Enclosed ☒ Authorized to Deposit Account

8. Deposit Account Number: 14-1270

(Attach duplicate copy of this page if 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.

Peter S. Zawilski  
Name of Person Signing

Signature

Date

20-Feb-2002

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

PATENT  
REEL: 028073 FRAME: 0688

**SOLE/JOINT ASSIGNMENT**Docket No **US 018167**

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 **Koninklijke Philips Electronics N.V.**, a having a place of business at **Groenewoudseweg 1, 5621 BA Eindhoven, NL**, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

(1) my/our invention relating to "**Metal-Insulator-Metal (MIM) Capacitor Structure and Methods of Fabricating Same**" as described in the U.S. patent application

- ☐ executed concurrently herewith,  
☐ executed on  
☒ filed in the United States Patent and Trademark Office on **10/9/2001** as Serial Number **09/973,640**.

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

2/16/02

Date

(Signature\*)

Michael C. Olewine

, Assignor

**Michael Charles Olewine**

(Signature\*)

, Assignor

**Kevin F. Saiz**

(Signature\*)

, Assignor

Date

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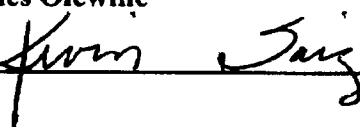
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|                |  |       |            |
|----------------|--|-------|------------|
| _____          | (Signature*)   | _____ | , Assignor |
| Date           | <b>Michael Charles Olewine</b>   |       |            |
| <u>2/18/02</u> | (Signature*)  | _____ | , Assignor |
| Date           | <b>Kevin F. Saiz</b>   |       |            |
| _____          | (Signature*)   | _____ | , Assignor |
| Date           |  |       |            |