

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|  |                                    |                      |                       |
|--|------------------------------------|----------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>  |                                    | NEW ASSIGNMENT       |                       |
| <b>NATURE OF CONVEYANCE:</b>   |                                    | ASSIGNMENT           |                       |
| <b>CONVEYING PARTY DATA</b>  |                                    |                      |                       |
|  |                                    | <b>Name</b>          | <b>Execution Date</b> |
|  |                                    | Paul Cheng-Po Liang  | 07/11/2008            |
| <b>RECEIVING PARTY DATA</b>  |                                    |                      |                       |
| <b>Name:</b>   | Matsushita Electric Industrial Co. |                      |                       |
| <b>Street Address:</b>   | 1006 Oaza Kadoma, Kadoma-shi       |                      |                       |
| <b>City:</b>   | Osaka                              |                      |                       |
| <b>State/Country:</b>  | JAPAN                              |                      |                       |
| <b>Postal Code:</b>  | 571-8501                           |                      |                       |
| <b>PROPERTY NUMBERS Total: 1</b>   |                                    |                      |                       |
|  |                                    | <b>Property Type</b> | <b>Number</b>         |
|  |                                    | Application Number:  | 12182457              |
| <b>CORRESPONDENCE DATA</b>   |                                    |                      |                       |
| <b>Fax Number:</b>   | (408)453-2147                      |                      |                       |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                    |                      |                       |
| <b>Phone:</b>  | 408-453-2144                       |                      |                       |
| <b>Email:</b>  | WWINTERS@PATENTLAWPROS.COM         |                      |                       |
| <b>Correspondent Name:</b>   | PATENT LAW PROFESSIONALS           |                      |                       |
| <b>Address Line 1:</b>   | P.O. BOX 612407                    |                      |                       |
| <b>Address Line 4:</b>   | SAN JOSE, CALIFORNIA 95161         |                      |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>   |                                    | 80-042US             |                       |
| <b>NAME OF SUBMITTER:</b>  |                                    | William E. Winters   |                       |
| <b>Total Attachments: 2</b>  |                                    |                      |                       |
| source=80-042US_Assignment#page1.tif   |                                    |                      |                       |
| source=80-042US_Assignment#page2.tif   |                                    |                      |                       |

OP \$40.00 12182457

ASSIGNMENT

WHEREAS, I, Paul Cheng-Po Liang, hereinafter referred to as "Assignor," am the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

|                                   |   |
|-----------------------------------|---|
| Title of Invention:               | NOISE-CANCELING FREQUENCY-TO-DIGITAL CONVERTERS |
| Date of Execution of Declaration: | July 11, 2008                                   |
| Application No:                   | 12/182,457                                      |
| Filing Date:                      | July 30, 2008; and                              |

WHEREAS, Matsushita Electric Industrial Co., a company having a principal place of business at 1006 Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan, hereinafter referred to as "Assignee," is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to any and all Letters Patent(s) to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor does sell, assign, transfer and set over unto Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent(s) to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and Assignor hereby authorizes and requests the Commissioner for Patents and Trademarks to issue said Letters Patent(s) to Assignee, its successors and assigns, in accordance with this Assignment.

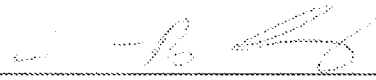
Assignor further agrees to, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patents for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Patent Law Professionals, 1762 Technology Drive, Suite 112, San Jose, CA 95110, to insert herein above the date of execution of declaration, the application number and filing date of said application, when known.

ASSIGNMENT (CONTINUED)

Re: NOISE-CANCELING FREQUENCY-TO-DIGITAL CONVERTERS

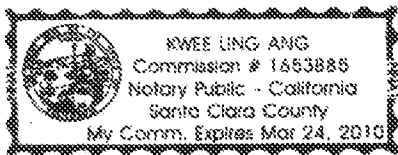
Inventor (Assignor): Paul Cheng-Po Liang

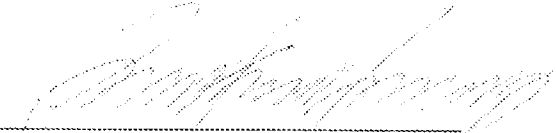
Signature:  Date: July 11, 2008  
Paul Cheng-Po Liang

STATE OF CALIFORNIA )  
 )ss.  
COUNTY OF SANTA CLARA )

On this 11th day of July, 2008 before me, Kwee Ling Ang, a Notary Public, appeared Paul Cheng-Po Liang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
Kwee Ling Ang