

## PATENT ASSIGNMENT

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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>Kengo MASAOKA</td><td>09/30/2008</td></tr><tr><td>Satoru TAKEUTI</td><td>10/04/2008</td></tr><tr><td>Seiji OKADA</td><td>09/30/2008</td></tr></tbody></table>	Name	Execution Date	Kengo MASAOKA	09/30/2008	Satoru TAKEUTI	10/04/2008	Seiji OKADA	09/30/2008	
Name	Execution Date								
Kengo MASAOKA	09/30/2008								
Satoru TAKEUTI	10/04/2008								
Seiji OKADA	09/30/2008								
RECEIVING PARTY DATA									
Name:	SANYO ELECTRIC CO., LTD.								
Street Address:	5-5, Keihan-Hondori 2-Chome								
City:	Moriguchi City, Osaka								
State/Country:	JAPAN								
Postal Code:	570-8677								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12289029</td></tr></tbody></table>	Property Type	Number	Application Number:	12289029					
Property Type	Number								
Application Number:	12289029								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	S. Peter Konzel								
Total Attachments: 2 source=SAN.003.0031.NP_20081231_Assignment#page1.tif source=SAN.003.0031.NP_20081231_Assignment#page2.tif									

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PATENT

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**NDQ&M WATCHSTONE LLP**

1300 EYE STREET, NW, 400 EAST TOWER, WASHINGTON, DC 20005

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*Name and address of assignee:*  
SANYO ELECTRIC CO., LTD.

5-5, Keihan-Hondori 2-Chome, Moriguchi City, Osaka, 570-8677 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

*Title of invention:*

NOISE REDUCTION PROCESSING APPARATUS, NOISE REDUCTION  
PROCESSING METHOD, AND IMAGE SENSING APPARATUS

as set forth in this United States Patent Application

*check one*

☒ executed concurrently herewith

☐ executed on

☒ Serial No. 12/289,129 Filed 10/17/2008 *CHC*

in and to said United States Patent Application including any and all divisions or continuations there of and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent on may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;



Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument and conflict herewith;

**NDQ&M WATCHSTONE LLP**

1300 EYE STREET, NW, 400 EAST TOWER, WASHINGTON, DC 20005

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or a signs or to assist said ASSIGNEE, its successors, legal representatives or a signs in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of NDQ&M WATCHSTONE LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

<b><i>NAMES AND SIGNATURES OF INVENTORS</i></b>		
Name: Kengo MASAOKA	Signature: 	Date: Sep 30 2008
Name: Satoru TAKEUTI	Signature: Satoru Takeuchi	Date: Oct. 4. 2008
Name: Seiji OKADA	Signature: 	Date: Sep. 30. 2008
Name:	Signature:	Date:
<b><i>NAMES AND SIGNATURES OF WITNESSES (Optional)</i></b>		
Name:	Signature:	Date:
Name:	Signature:	Date:

Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.