

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wei Ma</td> <td>07/14/2009</td> </tr> <tr> <td>Zhengyong Zhang</td> <td>07/14/2009</td> </tr> <tr> <td>Jian-yi Wu</td> <td>07/14/2009</td> </tr> </tbody> </table>		Name	Execution Date	Wei Ma	07/14/2009	Zhengyong Zhang	07/14/2009	Jian-yi Wu	07/14/2009				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>National Semiconductor Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2900 Semiconductor Drive</td> </tr> <tr> <td>Internal Address:</td> <td>M/S D3-579</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95051-8090</td> </tr> </table>		Name:	National Semiconductor Corporation	Street Address:	2900 Semiconductor Drive	Internal Address:	M/S D3-579	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95051-8090
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (312)609-5005 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-609-7620 Email: jburke@vedderprice.com</p> <p>Correspondent Name: Mark A. Dalla Valle Address Line 1: VEDDER PRICE P.C. Address Line 2: 222 N. LaSalle Street, Suite 2600 Address Line 4: Chicago, ILLINOIS 60601</p>													
ATTORNEY DOCKET NUMBER:	P07449 (11461.00.7449)												
NAME OF SUBMITTER:	Mark A. Dalla Valle												

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**PATENT
 REEL: 022959 FRAME: 0145**

Total Attachments: 3

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ASSIGNMENT

WHEREAS WE, Wei Ma, Zhengyong Zhang, and Jian-yi Wu hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SUB-BEAM FORMING TRANSMITTER CIRCUITRY FOR ULTRASOUND SYSTEM

Application Execution Date: July 14, 2009

Filing Date: July 15, 2009 Application No.: 12/503,438

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, M/S D3-579, Santa Clara, California 95051-8090, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable considerations, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

The undersigned hereby authorizes and requests the attorneys of record in said application bearing docket number P07449 (11461.00.7449) to insert in this assignment the U.S. application serial number of said application when officially known, if applicable.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Dated: July 14, 2009

State of California

County of Santa Clara


Wei Ma

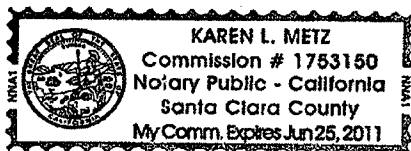
On July 14, 2009 before me, Karen L. Metz

personally appeared Wei Ma 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/her/their authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

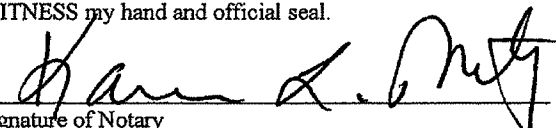
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

SEAL

CHICAGO/#1930294.1



WITNESS my hand and official seal.


Signature of Notary

PATENT

Attorney Docket No.: P07449 (11461.00.7449)

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Dated: 07-14-2009

Zhengyong Zhang
Zhengyong Zhang

State of California

County of Santa Clara

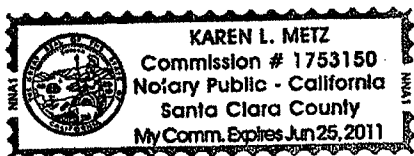
On July 14, 2009 before me, Karen L. Metz

personally appeared Zhengyong Zhang, 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/her/their authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SEAL



Karen L. Metz
Signature of Notary

PATENT

Attorney Docket No.: P07449 (11461.00.7449)

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Dated: 07-14-2009

Jian-yi Wu
Jian-yi Wu

State of California

County of Santa Clara

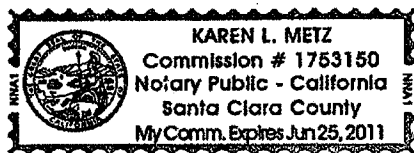
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