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05-11-2005



DEMARK OFFICE

Docket No.: NSC-P06236

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I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Mail Stop Assignments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.

Date of Deposit:	05/02/05	Name of Person Making the Deposit:	Anthony Chou	Signature of the Person Making the Deposit:	<i>Anthony Chou</i>
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:
Please record the attached original document(s) or copy(ies) thereof:

Transmittal of an Assignment

112941 U.S. PTO
11/120726
050205

1. Name of conveying party(ies): Peter SHING, Min DU, Xin LIU, Qingping ZHENG
Application No.: Group Art Unit:
Filed: 05/02/2005 Examiner:

2. Name and Address of Receiving party(ies): National Semiconductor Corporation
2900 Semiconductor Drive, Santa Clara, CA 95051

3. Nature of Conveyance: Assignment
Execution Date: 05/02/2005, 05/02/2005, 05/02/2005, 05/02/2005

4. New Patent Application entitled: CIRCUIT AND METHOD FOR PRE-EMPHASIS IN DATA
SERIALIZATION

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: James P. Hao
Address: Wagner, Murabito & Hao LLP
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060
Customer No: 46362

6. Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity)
Assignment Recordation Fee, per property 1 X \$40.00 \$40.00
Total Fees (37 CFR 3.41)
x The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

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.

05/05/2005 YPOLITE1 00000020 11120726

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40.00 DP

Date: May 2, 2005

James P. Hao
Name: James P. Hao
Reg. No. 36,398

Attorney Docket No.: NSC-P06236

Assignment to National Semiconductor Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Peter SHING, Min DU, Xin LIU, Qingping ZHENG

do hereby sell, assign, and transfer unto National Semiconductor Corporation (hereinafter called National Semiconductor), a Delaware Corporation having its principal place of business at 2900 Semiconductor Drive, Santa Clara, CA 95051, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

CIRCUIT AND METHOD FOR PRE-EMPHASIS IN DATA SERIALIZATION

filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____ filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of National Semiconductor, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to National Semiconductor, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by National Semiconductor.

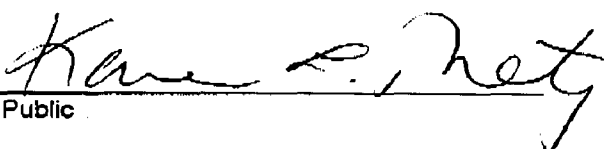
I/we further covenant with National Semiconductor, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

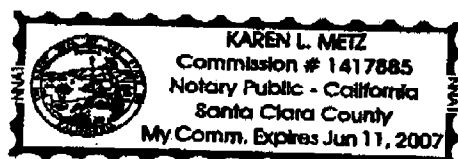
In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature:  Date: May 2 / 2005
Peter SHING

State of California
County of Santa Clara

Before me this 2nd day of May, 2005 personally appeared Peter Shing
who is _____ personally known or proved to me on the basis of satisfactory evidence to be the person
who acknowledged the foregoing instrument of assignment to be his or _____ her free act and deed.

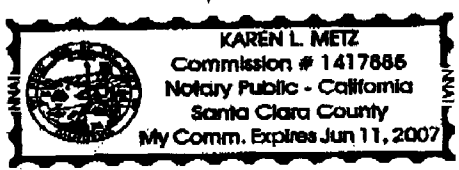
Notary Stamp/Seal 
Notary Public



Inventor's Signature: *Min DU*
Min DU

Date: 5/2/2005

State of California
County of Santa Clara



Before me this 2nd day of May, 2005 personally appeared Min DU
who is personally known or X proved to me on the basis of satisfactory evidence to be the person
who acknowledged the foregoing instrument of assignment to be his or X her free act and deed.

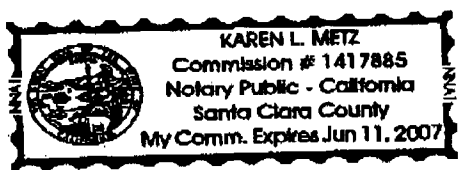
Notary Stamp/Seal

Karen L. Metz
Notary Public

Inventor's Signature: *Xinxiu*
XINXIU

Date: 5/2/2005

State of California
County of Santa Clara



Before me this 2nd day of May, 2005 personally appeared
who is personally known or X proved to me on the basis of satisfactory evidence to be the person
who acknowledged the foregoing instrument of assignment to be his or X her free act and deed.

Notary Stamp/Seal

Karen L. Metz
Notary Public

Inventor's Signature: *Qingping ZHENG*
Qingping ZHENG

Date: 5/2/05

State of California
County of Santa Clara

Before me this 2nd day of May, 2005 personally appeared Qingping Zheng
who is personally known or X proved to me on the basis of satisfactory evidence to be the person
who acknowledged the foregoing instrument of assignment to be X his or her free act and deed.

Notary Stamp/Seal

Karen L. Metz
Notary Public

