

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dongwei Chen	05/20/2008
RECEIVING PARTY DATA	
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
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12102278
CORRESPONDENCE DATA	
Fax Number:	(312)609-5005
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-609-7500
Email:	kmikos@vedderprice.com
Correspondent Name:	VEDDER PRICE P.C.
Address Line 1:	222 N. LASALLE STREET
Address Line 2:	SUITE 2400
Address Line 4:	CHICAGO, ILLINOIS 60601
ATTORNEY DOCKET NUMBER:	P07171 (11461.00.7171)
NAME OF SUBMITTER:	Mark A. Dalla Valle
Total Attachments: 2	
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CH 12102278 \$40.00

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REEL: 021012 FRAME: 0121

PATENT

Attorney Docket No.: P07171 (11461.00.7171)

ASSIGNMENT

WHEREAS, I, Dongwei Chen, hereinafter referred to as "ASSIGNOR", 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: VIDEO TOP-OF-FRAME SIGNAL GENERATOR FOR MULTIPLE VIDEO FORMATS

Application Execution Date: MAY 20, 2008

Filing Date: April 14, 2008 Application No.: 12/102,278

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 Assignor, Assignor has 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 Assignor has this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignor further agrees that he/she 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 P07171 (11461.00.7171) 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: 5/20/08

[Signature]
Dongwei Chen

State of California

County of Santa Clara

On 5/20/08 before me, Liza Smolyanitsky (Public Notary)
personally appeared Dongwei Chen, ~~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.

WITNESS my hand and official seal.

SEAL

Signature of Notary

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

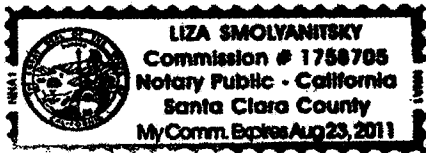
County of Santa Clara

On 5/20/2008 before me, Liza Smolyanitsky

personally appeared Dongwei Chen

Here Insert Name and Title of the Officer

Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature Liza Smolyanitsky

Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

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Signer(s) Other Than Named Above: _____

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Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

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OF SIGNER
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Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

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