

<b>PATENT ASSIGNMENT</b>
--------------------------

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Dongwei Chen	09/16/2005
<b>RECEIVING PARTY DATA</b>	
Name:	National Semiconductor Corporation
Street Address:	2900 Semiconductor Drive, M/S D3-579
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95051-8090
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	11162708
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(312)609-5005
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3126097620
Email:	mdallavalle@vedderprice.com
Correspondent Name:	Mark A. Dalla Valle, Vedder Price
Address Line 1:	222 N. LaSalle Street
Address Line 4:	Chicago, ILLINOIS 60601
ATTORNEY DOCKET NUMBER:	11461.00.6387
NAME OF SUBMITTER:	Mark A. Dalla Valle
Total Attachments: 1 source=P06387 Assignment#page1.tif	

CH \$40.00 11162708

500053573

**PATENT**  
**REEL: 016620 FRAME: 0919**

PATENT

Attorney Docket No. P06387 (11461.00.6387)

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 SIGNAL DETECTION CIRCUIT  
Application Execution Date: September 16, 2005  
Filing Date: September 20, 2005  
Application No.: 11/162,708

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

Assignor further agrees that he 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 P06387 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: 9/16/05 [Signature]  
DONGWEI CHEN

State of California  
County of Santa Clara

On 9/16/2005 before me, Karen L Metz, 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.

SEAL  WITNESS my hand and official seal.  
[Signature]  
Signature of Notary

CHICAGO/#1414464.1