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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
Name of conveying party(ies):     Dongwei Chen	Name and address of receiving party(ies)     Name: National Semiconductor Corporation
	Internal Address:
Additional name(s) of conveying party(ies) attached? 🛄 Yes 🌠 No	
3. Nature of conveyance:	
🖾 Assignment 🖳 Merger	2000 5
Security Agreement	Street Address: 2900 Semiconductor Drive
	M/S D3-579
Other	
	City: Santa Clara State: CA Zip: 95051
Execution Date: September 10, 2004	Additional name(s) & address(es) attached? 🖳 Yes 🛂 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s) 10/940,510	B. Patent No.(s)
	l <u> </u>
Additional numbers attached? 🖳 Yes 🕼 No	
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Mark A. Dalla Valle	7. Total fee (37 CFR 3.41)\$ 40.00
Name: Vedder, Price, Kaufman &	□ Enclosed
Kammholz, P.C.	Authorized to be charged to deposit account
Street Address: 222 North LaSalle Street	8. Deposit account number:
Street Address:	22-0259
City: Chicago State: IL Zip: 60601	(Attach duplicate copy of this page if paying by deposit account)
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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.	
Mark A. Dalla Valle (Reg. 34,147)	1 ahmora Nov. 12,2004
Name of Person Signing	Signature Date
Total number of pages including cover sheet, attachments, and documents:	

P06094 1260647 Mall documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

PATENT

Atterney Docket No. P06094 (11461.00.6094)

## **ASSIGNMENT**

WHEREAS, I, Dongwei Chen, hereinafter referred to as "ASSIGNOR", have invented cortain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: APPARATUS AND METHOD FOR COMPONENT VIDEO SIGNAL CONVERSION Application Execution Date: 09/10/2004
Filing Date: 09/10/2004
Application No.: 10/940,510

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

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 Assigner, Assigner 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 sald 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.

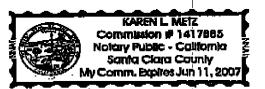
Assignor further agrees that he will, without charge to said Assignee, but at Assigned's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, venify, acknowledge and deliver all such further papers, including applications for Leners Patent and for the 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 P06094 to insert in this assignment the U.S. application serial number of said application when officially known, if applicable.

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

personally appeared Ario Auda, regionally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is sufficient 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 entry upon behalf of which the person acted, executed the instrument.

SHAL



WITNESS my hand and official seal.

CHICAGO/#1277977.1

RECORDED: 11/12/2004

**PATENT** 

REEL: 015375 FRAME: 0614