Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31,	07-13-2004 102789519	SHEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	U.S. PTO 381483
To the Honorable Commission 1. Name of conveying part Hon K. Chiu Additional name(s) of conveying part attached? 3. Nature of Conveyance: X Assignment Security Agreement Other Execution Date: 4. Application number(s) of	prior of Patents and Trademarks: F y(ies): <u>6</u> <u>3</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>8</u> <u>x</u> No <u>9</u> <u>8</u> <u>x</u> No <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u> <u>9</u>	Please record the attached original documents or copy thereof         2. Name and address of receiving party(ies)         Name:       National Semiconductor Corporation         Internal Address:         Street Address:         2900 Semiconductor Drive         City:       Santa Clara         State:       CA         Zip:       95051-8090         Additional name(s) &       Yes         address(es) attached:       June 29, 2004         B. Patent No.(s):       State:	22273 10/6
This application 5. Name and address of party concerning document shou Name: Matthew M. Gaffney DARBY & DARBY F Internal Address: Atty. Dkt 08211/0200939-US0/P0596 Street Address: P.O. Box 5257 City: New York	uld be mailed: , , , , , , , , , ,	ed? Yes x No 6. Total number of applications and patents involved:1 7. Total fee (37 CFR 3.41) \$ 40.00 [x Enclosed ] Authorized to be charged to deposit account ] Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number:	
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is a true copy of the origina Matthew M. Gaffne Name of Person	l document. Ny - 46,717	Cormation is true and correct and any attached copy	0000038 10881483 40.00 DP
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## ASSIGNMENT

I, Hon K. Chiu, a citizen of US, residing at 21103 Gary Drive #312; Hayward, California 94546;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

## National Semiconductor Corporation

a Corporation organized under the laws of Delaware, located at 2900 Semiconductor Drive, Santa Clara, California 95051-8090 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, throughout the world in and to my Invention entitled:

## APPARATUS AND METHOD FOR PLL WITH EQUALIZING PULSE REMOVAL

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same,

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will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Thomas

Hon K. Chiu

State of Californian, County of Santa Clava; ss.

On 6/29/04, before me,

Kaven L. Metz. personally personally known to me proved

appeared <u>Hon K. Chiu</u> personally known to me 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 on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

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**RECORDED: 06/30/2004**