

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

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<p>1. Name of conveying party(ies): <u>Ha C. Vu</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>National Semiconductor Corporation</u> Internal Address: _____ Street Address: _____ <u>2900 Semiconductor Drive</u> City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95051-8090</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is: _____

A. Patent Application No.(s): <u>10/717,955</u>	B. Patent No.(s): _____
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>John W. Branch</u> <u>DARBY & DARBY P.C.</u> Internal Address: <u>Atty. Dkt.: 08211/0200374-US0</u> Street Address: _____ <u>P.O. Box 5257</u> City: <u>New York</u> State: <u>NY</u> Zip: <u>10150-5257</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2035 enclosed)</p> <p>8. Deposit account number: <u>04-0100</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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<u>Flynn Barrison - 53,970</u>		<u>July 6, 2004</u>
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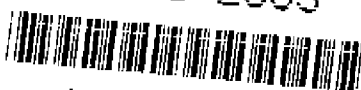
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10/717955



To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Ha C. Vu		2. Name and address of receiving party(ies) Name: <u>National Semiconductor</u> Internal Address: _____ Street Address: _____ 2900 Semiconductor Drive	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95051-8090</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Execution Date: <u>November 20, 2003</u>	

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the new application is: November 20, 2003

A. Patent Application No.(s): This application <u>10(717955)</u>	B. Patent No.(s): _____
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Gregory T. Kavounas</u> <u>DARBY & DARBY P.C.</u> Internal Address: <u>Atty. Dkt.: 08211/0200374-US0</u> Street Address: <u>P.O. Box 5257</u> City: <u>New York</u> State: <u>NY</u> Zip: <u>10150-5257</u>		6. Total number of applications and patents involved: <u>1</u>
7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)		8. Deposit account number: <u>04-0100</u> (Attach duplicate copy of this page if paying by deposit account)

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Gregory T. Kavounas - 37,862 Gregory T. Kavounas November 20, 2003
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 3

Express Mail Label No. EV388993758US Dated: November 20, 2003

08211/0200374-US0

ASSIGNMENT

(Individual(s) to Company)

I, **Ha C. Vu**, a citizen of The United States of America, residing at 5910 Exeter Ct., San Jose, California 95138;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of 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, my entire right, title, and interest,

in and for the United States of America only, or

throughout the world,

in and to my Invention entitled:

PRESCALING FOR DIVIDING FAST PULSED SIGNAL

invented by me and described in

the specification filed concurrently herewith

Patent Application Serial No. _____, filed on _____, in (country or jurisdiction) The United States of America.

and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being

my entire ownership interest

an undivided ____ percent of 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 been 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, we 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, will do all acts necessary or required to secure in said ASSIGNEE, its successors and 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 Commissioner 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, or of _____.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Signed at San Jose, CA, this 20th day of November, 2003

Ha C. Vu
Ha C. Vu

Witnessed by: William L. Lewellyn
Name: William L. Lewellyn