

03-23-2004

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)



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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

David J. Megaw (03/15/2004) and Paul Ranucci
(03/15/2004)Additional name(s) of conveying party(ies)
attached?☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: see Box 1, conveying parties

2. Name and address of receiving party(ies)

Name: National Semiconductor

Internal Address: _____

Street Address: _____

2900 Semiconductor Drive

City: Santa ClaraState: CAZip: 95051-8090Additional 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 new application is: March 16, 2004

A. Patent Application No.(s):

This application

10/801219

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: John W. Branch
DARBY & DARBY P.C.Internal Address: Atty. Dkt.:
08211/0200387-US0/P05824Street Address:
P.O. Box 5257City:
New YorkState:
NYZip:
10150-52576. Total number of applications and
patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account☐ Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

04-0100

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*Matthew M. Gaffney - 46,717

Name of Person Signing

Signature

March 16, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

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PATENT
REEL: 015107 FRAME: 0212

ASSIGNMENT

I, David J. Megaw, a citizen of US, residing at 3715 W. Deputy Lane; Tucson,
Arizona 85742; and

I, Paul Ranucci, a citizen of US, residing at 5400 North Post Trail; Tucson,
Arizona 85750;

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

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 CALIBRATING A BANDGAP REFERENCE
VOLTAGE**

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

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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, 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;

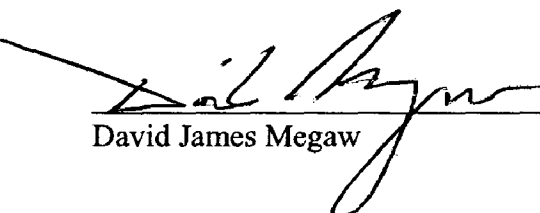
And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

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.

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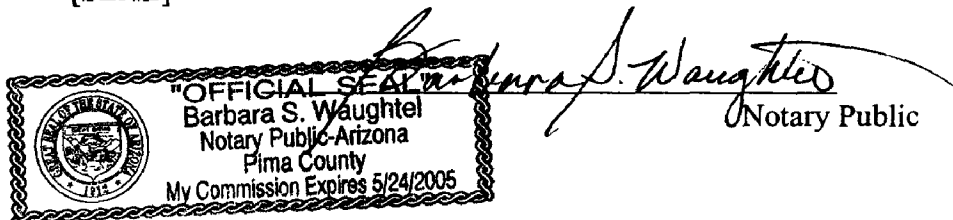
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15
day of MARCH, 2004


David James Megaw

STATE OF ARIZONA)
)ss.
COUNTY OF PIMA)

On this 15 day of March, 2004, before me personally appeared
David James Megaw to me known and known to me to be the person described in and who
executed the foregoing instrument, and he duly acknowledged to me that he executed the same
for the uses and purposes therein set forth.

[SEAL]



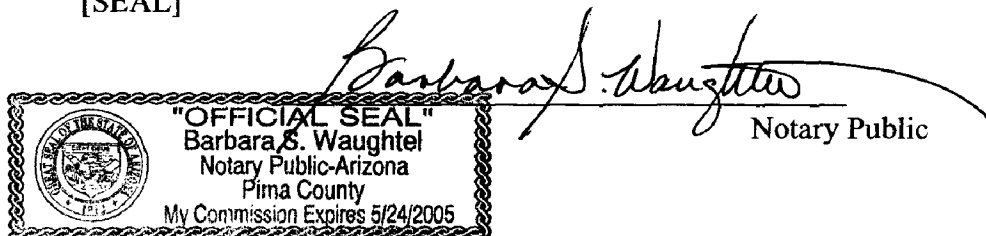
IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of
March, 2004


Paul David Ranucci

STATE OF Arizona)
)ss.
COUNTY OF Pima)

On this 15 day of March, 2004, before me personally appeared
Paul David Ranucci to me known and known to me to be the person described in and who
executed the foregoing instrument, and he duly acknowledged to me that he executed the same
for the uses and purposes therein set forth.

[SEAL]



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