

06-12-2003



102471662

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U.S. Department of Commerce
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PATENT

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FINANCE SECTION

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☒ New **6-9-03**
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Document ID#
☐ Correction of PTO Error
Reel # Frame #
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Reel # 013598 Frame # 0462

Conveyance Type

☒ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☐ Other
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☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached
Name (line 1) Gregory L. Dean
Name (line 2)
Execution Date
Month Day Year
12 16 2002

Second Party

Name (line 1)
Name (line 2)
Execution Date
Month Day Year

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Name (line 1) National Semiconductor Corporation
Name (line 2)
Address (line 1) 2900 Semiconductor Drive
Address (line 2)
Address (line 3) Santa Clara California 95051
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name
Address (line 1)
Address (line 2)
Address (line 3)
Address (line 4)

06/11/2003 ECDOPER 00000246 10320851

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PATENT
REEL: 014149 FRAME: 0065

Correspondent Name and Address

Area Code and Telephone Number

(972) 628-3600

Name Docket Clerk

Address (line 1)

Address (line 2) P.O. Drawer 800889

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Pages

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

10/320,851

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

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PCT

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Number of Properties

Enter the total number of properties involved.

#

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

Method of Payment:
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Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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50-0208

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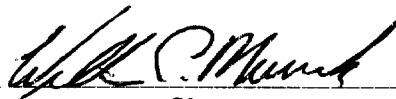
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Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

William A. Munck

Name of Person Signing



Signature



Date

12-26-2002
102322134
RECORDATION FEEET

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12/24/2002 DBYRNE 00000110 140448 10320851

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PATENT
REEL: 014149 FRAME: 0067

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12/16/02

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140448

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No

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Statement and Signature

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William A. Munck

Name of Person Signing



Signature

Dec 16, 2012

Date

PTO/SB/15 (8-96)

Approved for use through 9/30/98. OMB 0651-0027

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

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

P 05319 (NAT)15-05319)

Whereas, I, Gregory L. Dean of Standish, Maine, hereafter referred to as applicant, have invented certain new and useful improvements in APPARATUS AND METHOD FOR SYNTHESIZING A FREQUENCY USING VERNIER DIVIDES

☐ for which an application for a United States Patent was filed on _____, Application Number _____/_____.

☒ for which an application for a United States Patent was executed on December 16, 2002, and

Whereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to "assignee" whose post office address is 2900 Semiconductor Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of two dollars (\$ 2.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this sixteenth day of December, 2002,
at South Portland, Maine, USA

State of Maine) SS:
County of Cumberland)

Before me personally appeared said Gregory L. Dean
and acknowledged the foregoing instrument to be his free act and deed this 16
day of December, 2002.

Gregory L. Dean
(Signature)

Susan A. Jenkins
(Notary Public)

Seal

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents and Trademarks, Washington, DC 20231.