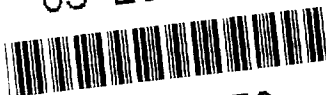


03-20-2002



102024259

PATENT

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type



New

3-4-02



Resubmission (Non-Recordation)

Document ID#



Correction of PTO Error

Reel #

Frame #



Corrective Document

Reel #

Frame #

Conveyance Type



Assignment



Security Agreement



License



Change of Name



Merger



Other

U.S. Government

(For Use ONLY by U.S. Government Agencies)



Departmental File



Secret File

Conveying Party(ies)



Mark if additional names of conveying parties attached

Name (line 1)

Ramsin Ziazadeh

Execution Date  
Month Day Year

01 07 2002

Name (line 2)

Second Party

Name (line 1)

Jitendra Mohan

Execution Date  
Month Day Year

01 07 2002

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

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

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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)

FOR OFFICE USE ONLY

03/20/2002 LMUELLER 00000065 140448 10029121

01 FC:581

40.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT  
REEL: 012679 FRAME: 0789

PATENT

Correspondent Name and Address

Area Code and Telephone Number

(214) 922-9221

Name Docket Clerk

Address (line 1)

Address (line 2) P.O. Drawer 800889

Address (line 3) Dallas, Texas 75380

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

# 4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)

10029121

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

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

# 1

Fee Amount

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

40

Method of Payment:

Deposit Account

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

Enclosed ☐

Deposit Account ☒

Deposit Account Number:

# 140448

Authorization to charge additional fees:

Yes

☒

No

☐

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

Feb. 22, 2002

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Abu-Hena M. Kamal

Execution Date  
Month Day Year

01 07 2002

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) Devnath Varadarajan

01 07 2002

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

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

Patent Application Number(s)

Patent Number(s)



**ASSIGNMENT OF APPLICATION**

Docket Number (Optional)  
P05094

Whereas, I, Ramsin Ziazadeh of San Jose, California, hereafter referred to as applicant, have invented certain new and useful improvements in OPERATIONAL AMPLIFIER CIRCUIT WITH IMPROVED FEEDBACK FACTOR

☒ for which an application for a United States Patent was filed on December 21, 2001,  
Application Number 10 / 029,121.

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, 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 7 day of Jan., 2002  
at Santa Clara County

Ramsin Ziazadeh  
(Signature)

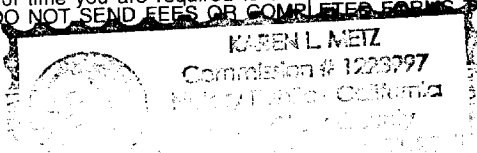
State of California SS:  
County of Santa Clara

Before me personally appeared said Ramsin Ziazadeh  
and acknowledged the foregoing instrument to be his free act and deed this 7th  
day of January, 2002

Karen L. Metz  
(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.



**PATENT**  
**REEL: 012679 FRAME: 0792**

**ASSIGNMENT OF APPLICATION**Docket Number (Optional)  
P05094Whereas, I, Jitendra Mohan of Santa Clara, California, hereafter

referred to as applicant, have invented certain new and useful improvements in \_\_\_\_\_

OPERATIONAL AMPLIFIER CIRCUIT WITH IMPROVED FEEDBACK FACTOR☒ for which an application for a United States Patent was filed on December 21, 2001,  
Application Number 10 / 029,121☐ for which an application for a United States Patent was executed on \_\_\_\_\_, andWhereas, National Semiconductor Corporation of Santa Clara, California 95051 herein referred to"assignee" whose post office address is 2900 Semiconductor Drive is de-

sirous 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 ac-

knowledge, 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

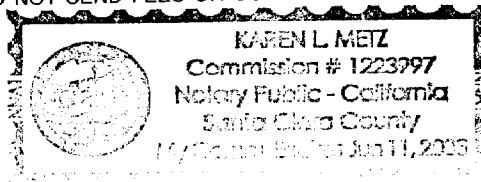
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not

been made.

Executed this 7<sup>th</sup> day of January, 2002at Santa Clara CountyJitendra Mohan  
(Signature)State of California SS:County of Santa ClaraBefore me personally appeared said Jitendra Mohanand acknowledged the foregoing instrument to be his free act and deed this 7<sup>th</sup>day of January, 2002.Karen L. Metz  
(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.

**PATENT**  
**REEL: 012679 FRAME: 0793**

**ASSIGNMENT OF APPLICATION**

Docket Number (Optional)  
P05094

Whereas, I, Abu-Hena M. Kamal of Santa Clara, California, hereafter referred to as applicant, have invented certain new and useful improvements in OPERATIONAL AMPLIFIER CIRCUIT WITH IMPROVED FEEDBACK FACTOR

☒ for which an application for a United States Patent was filed on December 21, 2001,  
Application Number 10 / 029,121

☐ for which an application for a United States Patent was executed on \_\_\_\_\_, 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 7th day of January, 2002,

at Santa Clara County

Abu-Hena M. Kamal  
(Signature)

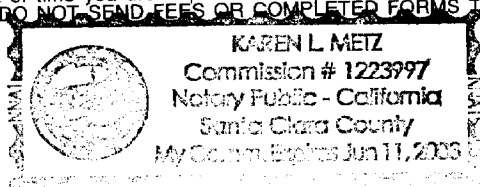
State of California SS:  
County of Santa Clara

Before me personally appeared said Abu-Hena M. Kamal  
and acknowledged the foregoing instrument to be his free act and deed this 7th  
day of January, 2002

Seal

Karen L. Metz  
(Notary Public)

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.**



**PATENT**  
**REEL: 012679 FRAME: 0794**

**ASSIGNMENT OF APPLICATION**Docket Number (Optional)  
P05094

Whereas, I, Devnath Varadarajan of Santa Clara, California, hereafter referred to as applicant, have invented certain new and useful improvements in OPERATIONAL AMPLIFIER CIRCUIT WITH IMPROVED FEEDBACK FACTOR

☒ for which an application for a United States Patent was filed on December 21, 2001,  
Application Number 10 / 029,121

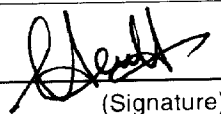
☐ for which an application for a United States Patent was executed on \_\_\_\_\_, and

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 7th day of JANUARY, 2002.

at Santa Clara County

  
(Signature)

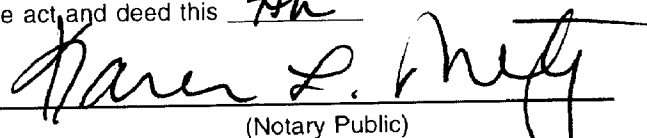
State of California SS:

County of Santa Clara

Before me personally appeared said Devnath Varadarajan

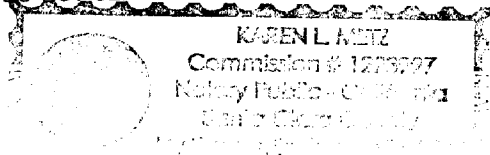
and acknowledged the foregoing instrument to be his free act and deed this 7th

day of January, 2002

  
(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.



RECORDED: 03/04/2002

**PATENT**  
REEL: 012679 FRAME: 0795