

07-27-1998

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COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
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100775508

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

1. Name of conveying party(ies): NRD  
7-17-98

Freeman Zhong  
William E. Miller

Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):

Name: NATIONAL SEMICONDUCTOR CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 2900 Semiconductor Drive

City, State and Zip: Santa Clara, CA 95051

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: July 14, 1998 and July 15, 1998

Additional Name(s) & address(es) attached?  
 Yes  No

jc518 U.S. PTO  
09/118283  
07/17/98

4. Application number(s) or patent number(s): 09118283

If this document is being filed together with a new application, the execution date of the application is: 07/14/98 & 07/15/98

A. Patent Application No.(s)  
New

Additional numbers attached?  Yes  No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Charles L. Hamilton

Internal Address: Limbach & Limbach L.L.P.  
 Street Address: 2001 Ferry Building  
 City, State, ZIP: San Francisco, California 94111  
 Telephone: (415) 433-4150  
 Facsimile: (415) 433-8716

Attorney Docket No. NSC1-D6100 [NS3904]

6. Total number of applications and patents involved: ONE

7. Total fee (37 CFR 3.41):.....\$40.00

Enclosed (Check No. 133223)  
 Charge any deficiencies in the enclosed fee to Deposit Account No. 12-1420  
 Authorized to be charged to deposit account

8. Deposit account number: 12-1420

07/23/1998 JSHABAZZ 00000151 09118283 DO NOT USE THIS SPACE

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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.

Charles L. Hamilton, Reg. No. P-42,624 Charles L. Hamilton 17 Jul 1998  
 Name of Person Signing Signature Date

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

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ASSIGNMENT

WHEREAS, WE, Freeman Zhong and William E. Miller, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: ICC CURRENT ELECTROMAGNETIC INTERFERENCE CHOKE WITH MULTIPLE CHOKING LEVELS

Application Execution Date: \_\_\_\_\_ Filing Date: Herewith

Application No.: New ;

WHEREAS, NATIONAL SEMICONDUCTOR CORPORATION, a corporation of the State of Delaware, 2900 Semiconductor Drive, Santa Clara, California 95051, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to Assignors by Assignee, receipt of which is hereby acknowledged, Assignors has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his\her name to this assignment on the dates indicated below.

Dated: 07/15/98 \_\_\_\_\_ Freeman Zhong  
Freeman Zhong

State of California  
County of Santa Clara

On July 15, 1998 before me, Jennifer L. Griffin, NOTARY PUBLIC, personally appeared Freeman Zhong, personally known to me or proved to me on the basis of satisfactory evidence to be the person  whose name  is subscribed to the within instrument and acknowledged to me that he  is  she  they executed the same in his  her  their authorized capacity , and that by his  her  their signature  on the instrument the person , or the entity upon behalf of which the person  acted, executed the instrument.

WITNESS my hand and official seal.  
Jennifer L. Griffin  
Signature of Notary



IN TESTIMONY WHEREOF, Assignor has hereunto signed his\her name to this assignment on the dates indicated below.

Dated: 14 JUL 98 William E Miller  
William E. Miller

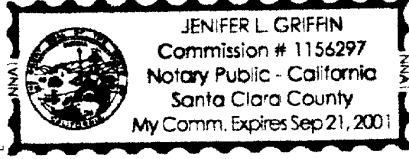
State of California

County of Santa Clara

On July 14, 1998 before me, Jennifer L. Griffin, NOTARY PUBLIC

personally appeared William E. Miller, personally known to me or proved to me on the basis of satisfactory evidence to be the person (X) whose name (X) is (X) subscribed to the within instrument and acknowledged to me that he (X) is (X) the person (X) who executed the same in his (X) or her (X) authorized capacity (X), and that by his (X) or her (X) signature (X) on the instrument the person (X), or the entity upon behalf of which the person (X) acted, executed the instrument.

WITNESS my hand and official seal.



Jennifer L. Griffin  
Signature of Notary