

07-14-1998

TY. DOCKET NO: NS-3780 US

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeTo the Honorable Commissioner of Patents 100763881 attached original documents or copy thereof.

1. Name of conveying party(ies):

(a) Gary S. Murdock

(b)

(c)

Additional name(s) of conveying party(ies) attached?

MRD 6-29-98☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: June 26, 1998

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

Name: National Semiconductor Corporation

Internal Address: _____

Street Address: 2900 Semiconductor DriveCity Santa Clara State CA ZIP 95051Additional 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 application is: June 26, 1998

A. Patent Application No.(s) -

Title: Apparatus and Method For Providing Direct Current
Balanced Code

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Edward C. KwokInternal Address: SKJERVEN, MORRILL, MacPHERSON,FRANKLIN & FRIEL LLPStreet Address: 25 METRO DRIVE, SUITE 700City SAN JOSE State CA ZIP 951106. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☒ Authorized to be charged to Deposit Account 19-2386☒ Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

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8. 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.*Edward C. Kwok 33,938

Name of Person Signing

Signature

6/29/98

Date

Total number of pages comprising cover sheet: 2

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, Murdock, Gary S. of San Jose, California, hereby sell, assign and transfer to National Semiconductor Corporation, a Delaware corporation, having a place of business at 2900 Semiconductor Drive, Santa Clara, California 95051, its successors and assigns, the entire right, title and interest throughout the world in my invention in

Apparatus and Method For Providing Direct Current Balanced Code

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

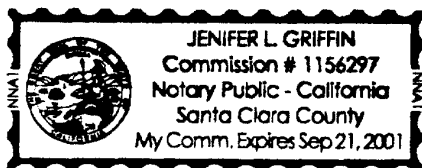
Executed this 26 day of JUNE, 1998

Gary S. Murdock

State of California
County of Santa Clara ss.

On June 26, 1998 before me, Jenifer L. Griffin, Notary Public personally appeared Gary S. Murdock personally known to me or proved to me on the basis of satisfactory evidence to be the person (X) whose name (X) subscribed to the within instrument and acknowledged to me that he (X) executed the same in (his) authorized capacity (as), and that by (his) 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.



SIGNATURE OF NOTARY