

2-10-04  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Mail Stop Assignments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.

Date of Deposit:	02/09/04	Name of Person Making the Deposit:	Anthony Chou	Signature of the Person Making the Deposit:	<i>Anthony Chou</i>
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 P.O. Box 1450  
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02-20-2004



102675930

Sir:

Please record the attached original document(s) or copy (ies) thereof:

22278 U.S. PTO  
 10/775528

**Transmittal of an Assignment**

- Name of Conveying Party(ies): **Ronald Neal Dow**  
 Serial No.:  
 Filed: **02/09/04**  
 Group Art Unit:  
 Examiner:
- Name and Address of Receiving party(ies): **National Semiconductor Corporation**  
**2900 Semiconductor Drive**  
**Santa Clara, CA 95051**
- Nature of Conveyance: **Assignment**  
 Execution Date: **02/09/04.**  
 101775528
- New Patent Application entitled: **DIFFERENCE AMPLIFIER**
- Name and address of party to whom correspondence concerning document should be mailed:  
**Wagner, Murabito & Hao LLP**  
**Two North Market Street, Third Floor**  
**San Jose, CA 95113**  
**(408) 938-9060**
- Total Number of applications and patents involved: ONE

7. Fee Calculation (for other than a small entity).	FEES
<input checked="" type="checkbox"/> Assignment Recordation Fee, per property	1 x \$40.00
<input checked="" type="checkbox"/> Total Fees (37 CFR 3.41)	\$40.00
<input checked="" type="checkbox"/> The amount of <u>\$40.00</u> is enclosed	

8. At any time during the pendency of this application, please charge any additional fees required or credit any over payments to Deposit Account 23-0085. A **duplicate copy** of this transmittal is enclosed.

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.*

Date: February 9, 2004

*Ronald M. Pomeroy*  
 Name: **Ronald M. Pomeroy**  
 Reg. No.: **43,009**

02/13/2004 HLE333 00000032 10775528

03 FC:8021

40.00 DP

Attorney Docket No.: NSC-P05798

## Assignment to National Semiconductor Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

**Ronald Neal DOW**  
do hereby sell, assign, and transfer unto National Semiconductor Corporation (hereinafter called National Semiconductor), a Delaware Corporation having its principal place of business at 2900 Semiconductor Drive, Santa Clara, CA 95051, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

### DIFFERENCE AMPLIFIER

☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: \_\_\_\_\_ filed on \_\_\_\_\_ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of National Semiconductor, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to National Semiconductor, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by National Semiconductor.

I/we further covenant with National Semiconductor, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: Ronald N. Dow Date: 02/09/04

State of \_\_\_\_\_

County of \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_ personally appeared \_\_\_\_\_  
who is \_\_\_\_\_ personally known or \_\_\_\_\_ proved to me on the basis of satisfactory evidence to be the person  
who acknowledged the foregoing instrument of assignment to be \_\_\_\_\_ his or \_\_\_\_\_ her free act and deed.

Notary Stamp/Seal

Notary Public