

May 24, 05 10:08a

Charles Hoffman

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Sent by: CAHILL vonHELLENS and GLAZER PLC6029564298;

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05-31-2005

J.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

David A. Gammie  
Edward Mullins  
Jeffery B. Parfenchuck

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

2. Name and address of receiving party(ies)

Name: Texas Instruments Incorporated

Internal Address: P. O. Box 655474, MS 219

Dallas, Texas 75265

Street Address: 7839 Churchill Way, MS 3999

City: Dallas

State: Texas

Country: USA Zip: 75261

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 23, 2005

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

Patent application filed herewith and entitled "Current Shunt Instrumentation Amplifier with Extended Bipolar Input Common Mode Range", our Docket No. TI-37843 (0437-A-305)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Wilson Daniel Swayze, Jr.

Internal Address: Texas Instruments Inc.

P. O. Box 655474, MS 3999

Street Address: \_\_\_\_\_

City: Dallas

State: Texas Zip: 75265

Phone Number: (972) 917-5373

Fax Number: (972) 917-0793

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 20-0888

Authorized User Name Charles R. Hoffman

9. Signature:

Charles R. Hoffman  
Signature

May 24, 2005  
Date

Charles R. Hoffman  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5998, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ASSIGNMENT

This Assignment is made and executed this 23<sup>rd</sup> day of MAY, 2005,  
by and between:

David A. Gammie )  
An individual residing at )  
9561 East Stella Road )  
Tucson, Arizona 85730 )

and )

Edward Mullins )  
An individual residing at )  
8740 North Chinaberry Way )  
Tucson, Arizona 85742 )

and )

Jeffery B. Parfenchuck )  
An individual residing at )  
9840 East Murchison Place )  
Tucson, Arizona 85748 )

and )

TEXAS INSTRUMENTS INCORPORATED )  
a corporation organized and existing under )  
the laws of the state of Delaware, )  
with its principal office at )  
P. O. Box 655474, MS219 )  
Dallas, Texas 75265 )

Hereinafter referred  
to as "ASSIGNORS"

Hereinafter referred  
to as "ASSIGNEE"

WITNESSETH:

WHEREAS, ASSIGNORS are the inventors of the improvements described and claimed  
in the application for United States Letters Patent filed herewith and entitled "CURRENT  
SHUNT INSTRUMENTATION AMPLIFIER WITH EXTENDED BIPOLAR INPUT  
COMMON MODE RANGE", hereinafter referred to as "PATENT RIGHTS";

WHEREAS, ASSIGNORS desire to assign their right, title and interest in and to the above-identified PATENT RIGHTS to ASSIGNEE.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other valuable consideration, the receipt of which is hereby acknowledged:

1. ASSIGNORS do hereby sell and assign to ASSIGNEE, its successors and assigns, their entire right, title and interest in and to the improvements described and claimed in the above-identified PATENT RIGHTS, including: (a) any and all domestic and foreign patents and applications therefor based upon said improvements; (b) any and all divisions, reissues, continuations, and extensions based upon the above-identified patents and applications therefor; and (c) any and all rights of priority resulting from the filing of any of the above-identified patent applications in the United States or any foreign country.

2. ASSIGNORS hereby authorize and request any official whose duty it is to issue patents to issue any patent or any reissued patent which may be based upon the improvements described and claimed in the above-identified PATENT RIGHTS to ASSIGNEE or its successors or assigns.

3. ASSIGNORS hereby agree upon request and without further consideration, but at the expense of ASSIGNEE: (a) to communicate to ASSIGNEE, or its representatives or nominees, any facts known to ASSIGNORS relating to the above-identified PATENT RIGHTS; (b) to testify in any legal proceeding relating to the above-identified PATENT RIGHTS; (c) to sign and execute all lawful papers and to make all lawful oaths relating to the above-identified PATENT RIGHTS, including documents relating to divisional, continuing, reissue and foreign applications; and (d) to perform all acts reasonably necessary to aid ASSIGNEE, its successors, assigns and nominees in obtaining and enforcing patent protection in the United States and foreign countries covering those improvements described and claimed in the above-identified PATENT RIGHTS.



