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| OMB No. 0651-0027 (EXB. 6/30/2003)   |   |  |  |
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| To the Director of the U.S. Patent anoσοιμαικ Οπίσε: Plea  | 96738  se record the attached documents or the new address(es) below.   |  |  |
| 1. Name of conveying party(ies)/Execution Date(s):   | 2. Name and address of receiving party(ies)   |  |  |
| MOHAMMAD MOJARRADI; ELIZABETH A. KOLAWA;<br>YUAN CHEN; BENJAMIN J. BLALOCK; RAYMOND S. COZY;<br>ROBERT GREENWELL; GREG LEVANAS | Name: CALIFORNIA INSTITUTE OF TECHNOLOGY Internal Address:  |  |  |
| Execution Date(s) 6/27/07; 6/11/07; 6/8/07; 4/2/08; 4/8/08  Additional name(s) of conveying party(ies) attached? Yes No.       |   |  |  |
| 3. Nature of conveyance:   | MC 201-85   |  |  |
| Assignment Merger  | City: PASADENA  |  |  |
| Security Agreement Change of Name  | State: CALIFORNIA   |  |  |
| Government Interest Assignment  Executive Order 9424, Confirmatory License   | Country: USA Zip: 91125   |  |  |
| Other CIT028   | Additional name(s) & address(es) attached? Yes V No   |  |  |
| 11/636,365  Additional numbers a   | OPR ✓ No  |  |  |
| 5. Name and address to whom correspondence concerning document should be mailed:   | 6. Total number of applications and patents involved:   |  |  |
| Name: TOPE-MCKAY & ASSOCIATES  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40000   |  |  |
| Internal Address:  | Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title) |  |  |
| Street Address: 23852 PACIFIC COAST HWY. #311  |   |  |  |
| City: MALIBU   | 8. Payment Information  |  |  |
| State: <u>CA</u> Zip: <u>90265</u>   | a. Credit Card Last 4 Numbers<br>Expiration Date  |  |  |
| Phone Number: <u>310-589-8158</u>  | b. Deposit Account Number   |  |  |
| Fax Number: <u>310-919-3145</u>  |   |  |  |
| Email Address: zpoprawski@topemckay.com  | M1 FC-8821  |  |  |
| 9. Signature:  | 04/08/2008  |  |  |
| Signature  | Date  |  |  |
| CARY TOPE-MCKAY  | Total number of pages including cover sheet, attachments, and documents:  |  |  |

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

**PATENT REEL: 020818 FRAME: 0415** 

Attorney Docket: CIT028

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

# ASSIGNMENT

WHEREAS, I, Yuan Chen of 3653 Fairesta St. La Crescerta, CA 91214 (residence address), United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

### AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 201-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to. Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries. I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 26 day of June . 2007, at Denderheum (city).

(Signature)

PATENT REEL: 020818 FRAME: 0416

Attorney Docket: CIT028

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

## ASSIGNMENT

WHEREAS, I, Benjamin J. Blalock of <u>7028 Rockingham Dr., Knoxville, Tennessee 37909</u> (residence address), United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 201-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 27<sup>th</sup> day of June 2007, at Knoxville, Tennessee (city).

PATENT

Docket: CIT-4449 Attorney Docket: CIT028

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

# ASSIGNMENT

WHEREAS, I, Raymond S. Cozy of <u>360 Bueua Loma</u> Ct Altadema CA. 9/001 (residence address), United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

### AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 201-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, J have hereunto set my hand.

Executed this 11th day of June, 2007, at fasadena, CA (city).

Ryund Scott
(Signature)

Docket: CIT-4449 Attorney Docket: CIT028

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

### ASSIGNMENT

WHEREAS, I, Robert Greenwell of <u>Box 1007 Jones borough</u> TN 37659 (residence address), United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

### AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 201-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaing and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

| Executed | this | 8      | day of | June | , 2007, |
|----------|------|--------|--------|------|---------|
| at       | noxy | ille . | TN     |      | (city). |

**PATENT** 

1/1-

Docket: CIT-4449 Attorney Docket: CIT028

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

## ASSIGNMENT

WHEREAS, I, Greg Levanas of 3133 kerr Lone, Colle, Yele, Celip, 92626 (residence address), United States of America (hereinafter "Assignor") have invented certain fiew and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 Bast California Blvd., MC 201-\$5, Pasadena, California 91125, United States of America, (hersinafter "Assignce"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been hold by me had this assignment and sale not been made.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 2 of day of April (city), 2008

(Signature)

PATENT

**Attorney Docket: CTT028** 

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

# **ASSIGNMENT**

WHEREAS, I, Mohammad Mojarradi of 163 Starlight Crest, La Canada, CA 91011, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHERRAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 201-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 2 day of April , 200

PATENT

**Attorney Docket: CIT028** 

Invention Title: A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER

# **ASSIGNMENT**

WHEREAS, I, Elizabeth A. Kolawa of 673 Deodar Ln., Bradbury, CA 91010, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in A WIDE-TEMPERATURE INTEGRATED OPERATIONAL AMPLIFIER (hereinafter "Invention") for which an application for a United States Patent was filed on December 7, 2006, Application Ser. No. 11/636,365, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

#### AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 201-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this S day of April (city) 2008

· (Signature)

PATENT REEL: 020818 FRAME: 0422

**RECORDED: 04/14/2008**