

08-27-2003



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03941 U.S. PTO  
10/643127  
08/18/03

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

1. Name of conveying party(ies):  
1) YuQing YANG and 2) John Laurence MELANSON  
*8-18-03*  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: Cirrus Logic, Inc.  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: 2901 Via Fortuna  
\_\_\_\_\_  
City: Austin State: TX Zip: 78746  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
1) YuQing YANG on 6/3/2002 and 2)  
Execution Date: John Laurence Melanson on 6/3/02

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: \_\_\_\_\_  
A. Patent Application No.(s) 10643127  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: James J. Murphy, Esq.  
Internal Address: Winstead Sechrest & Minick P.C  
\_\_\_\_\_  
Street Address: 5400 Renaissance Tower  
1201 Elm  
City: Dallas State: TX Zip: 75270

6. Total number of applications and patents involved:   
7. Total fee (37 CFR 3.41).....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number:  
23-2426

08/25/2003 DBYRNE 00000112 10643127  
01 FC:802 9. Signature. 40.00 00

DO NOT USE THIS SPACE

James J. Murphy, Esq.  
Name of Person Signing

*James J. Murphy*  
Signature

August 18, 2003  
Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

**PATENT**  
**REEL: 014416 FRAME: 0359**

**CORPORATE ASSIGNMENT**

WHEREAS, the undersigned,

1. YANG, YuQing, resident of 13412 Guestbriar Court, Austin, Travis County, Texas, 78727; and
2. MELANSON, John Laurence, resident of 2001 South Mopac, No. 122, Austin, Travis County, Texas, 78746

have invented certain new and useful improvements in:

**DELTA - SIGMA MODULATORS WITH  
IMPROVED NOISE PERFORMANCE**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

xx\_ On the

1. 3rd day of June, 2002; and
2. 3rd day of June, 2002

\_XXX\_ Said application having Application Number 10/162,324 and filed on the 06/04/, 2002.

WHEREAS CIRRUS LOGIC, INC. (hereinafter termed "Assignee"), a corporation of DELAWARE, having a place of business at 4210 South Industrial Drive, Austin, Texas 78744, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents" applied for or granted in the United States and/or other countries.

NOW, THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply to any and all countries of the world for patents, governmental grants on said invention, including the right-to-apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention,

treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions, provided, however, that the expenses incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

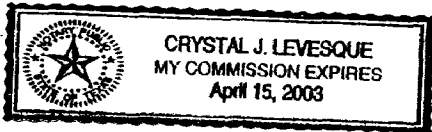
IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee on the date of acknowledgment before the Notary Public as given below.

(1) State of Texas §  
§  
County of Travis §

Yu Qing Yang  
Yu Qing YANG

Before me, Crystal J. Levesque, a notary public, on this day personally appeared Yu Qing Yang, known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same for the purposes and considerations therein expressed.

Given under my hand and seal on the 3<sup>rd</sup> day of June, 2002.



Crystal J. Levesque  
Notary Public Signature

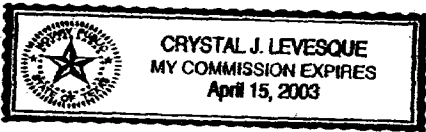
Crystal J. Levesque  
Notary Public Printed Name

  
\_\_\_\_\_  
John Laurence MELANSON

(1) State of Texas §  
§  
County of Travis §

Before me, Crystal Levesque, a notary public, on this day personally appeared John Laurence Melanson, known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same for the purposes and considerations therein expressed.

Given under my hand and seal on the 3<sup>rd</sup> day of June, 2002.



Crystal J. Levesque  
\_\_\_\_\_  
Notary Public Signature

Crystal J. Levesque  
\_\_\_\_\_  
Notary Public Printed Name