

04-09-2003

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102413436

red original documents or copy thereof.

To the Honorable Commissioner of Patents

1. Name of conveying party(ies):

(1) Melanson, John Laurence

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

Assignment executed on

(1) John Melanson on March 25, 2003

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

Name: CIRRUS LOGIC, INC.

Internal Address: Intellectual Properties Dept.

Street Address: 2901 Via Fortuna

City: Austin State: Texas ZIP: 78746

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

3. Application number(s) or patent number(s):

10397556

If this document is being filed together with a new application, the execution date of this application is: March 25, 2003

A. Patent Application No.(s)

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: 5400 Renaissance Tower

Street Address: 1201 Elm

City: Dallas State: Texas ZIP: 75270

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):\$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 23 2426 of Winstead Sechrest & Minick L.P.

(Attach duplicate copy of this page if paying by deposit account)

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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.

James J. Murphy, Esq.

Name of Person Signing

James J. Murphy
Signature

March 25 2003

Date

Total number of pages comprising cover sheet, attachments, and document: \$+4 pgs

Mail documents to be recorded with required cover sheet information to:
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2836- P265US

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PATENT
REEL: 013924 FRAME: 0334

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

1. MELANSON, John Laurence, resident of 901 West 9th Street, Apartment 201,
Austin, Travis County, Texas, 78703;

has invented certain new and useful improvements in:

NOISE-SHAPERS AND FILTERS WITH NOISE SHAPING QUANTIZERS AND SYSTEMS AND METHODS USING THE SAME

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

xx On the 1. 25th day of March, 2003;

_____ Said application having Application Number ____/_____ and filed
on the __ day of _____, 2003.

WHEREAS CIRRUS LOGIC, INC. (hereinafter termed "Assignee"), a corporation
of DELAWARE, having a place of business at 2901 Via Fortuna, Austin Texas 78746,
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 Inventor (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
Inventor to have been received in full from said Assignee:

1. Said Inventor does 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

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 Inventor hereby jointly and severally covenants and agrees 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 Inventor 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 Inventor 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 Inventor.

4. Said Inventor hereby jointly and severally warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

(1) State of Colorado

§
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§
§


John Laurence Melanson

County of Boulder

Before me, Kathleen Adams, a notary public, on this day personally appeared John Laurence Melanson, known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal on the 25th day of march, 2003.

Kathleen Adams
Notary Public Signature

Kathleen Adams
Notary Public Printed Name

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2836-P267US 03/25/2003

My Commission Expires
12/17/2005

WSM 2836-P267US

RECORDED: 03/26/2003

PATENT
REEL: 013924 FRAME: 0337