

12-01-2000

FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027

101534494

U.S. Department of Commerce
Patent and Trademark Office
PATENT

10/27/00

9/698443

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

JC853 U.S. PTO

09/698443



10/27/00

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New

☐ Resubmission (Non-Recordation)
Document ID#

☐ Correction of PTO Error
Reel # Frame #

☐ Corrective Document
Reel # Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)☒ Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) Graba, James Mark

Name (line 2) **Second Party**

Name (line 1) Feyh, German S. O.

Name (line 2) Execution Date
Month Day Year**Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) Cirrus Logic, Inc.

Name (line 2)

Address (line 1) 4210 S. Industrial Drive

Address (line 2)

Address (line 3) Austin TX 78744

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Dan A. Shifrin

Address (line 1) Cirrus Logic, Inc.

Address (line 2) 4210 S. Industrial Drive

Address (line 3)

Address (line 4) Austin, TX 78744

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05/91

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

PATENT
REEL: 011281 FRAME: 0133

Correspondent Name and Address

Area Code and Telephone Number **(303) 379-1100**

Name **Michael J. Setter**

Address (line 1) **Duft, Graziano & Forest, P. C.**

Address (line 2) **P. O. Box 270930**

Address (line 3)

Address (line 4) **Louisville, CO 80027**

Pages Enter the total number of pages of the attached conveyance document including any attachments.

3

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
10 17 2000

Patent Cooperation Treaty (PCT)

Enter PCT application number

PCT

PCT

PCT

only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Enclosed ☐

Deposit Account ☒

Deposit Account Number:

03-2028

Authorization to charge additional fees:

Yes ☒

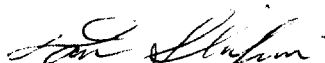
No ☐

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. Charges to deposit account are authorized, as indicated herein.

Dan A. Shifrin

Name of Person Signing



Signature

10/17/00

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

09/690443
JC953 U.S. PTO

10/27/00

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Supino, Louis

Execution Date
Month Day Year

10 16 2000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

WHEREAS **CIRRUS LOGIC, INC.** (hereinafter termed "Assignee"), a corporation of **Delaware**, having a place of business at **4210 S. 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 in any or all countries of the world for patents, certificates of inventions or other 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 expense 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, their respective heirs, legal representatives and assigns.

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) _____
James Mark Graba

(1) State of _____)
County of _____)

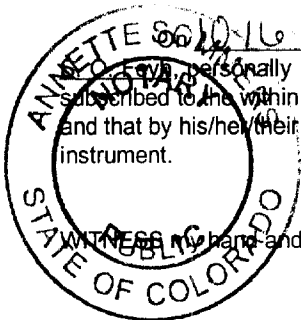
On _____ before me, _____, personally appeared James Mark Graba, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. _____

Signature
(2) German S. O. Feyh
German S. O. Feyh

(2) State of Colorado)
County of Boulder)

On 6/10/16 before me, Annette Summers, personally appeared German S. O. Feyh, personally known to me (or proved to me on the basis of satisfactory evidence) 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 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal. Annette Summers
Signature

MY COMMISSION EXPIRES
JULY 30, 2023

(3) _____
Louis Supino

(3) State of _____)
County of _____)

On _____ before me, _____, personally appeared Louis Supino, personally known to me (or proved to me on the basis of satisfactory evidence) 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 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. _____
Signature

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

- | | |
|---------------------|----------------------|
| 1. James Mark Graba | 2. German S. O. Feyh |
| _____ | _____ |
| 3. Louis Supino | 4. _____ |
| _____ | _____ |

(hereinafter termed "Inventors"), residents of

- | | |
|-----------------------------------|------------------------------------|
| 1. 2823 Humboldt Circle, Longmont | 2. 1272 Bear Mountain Ct., Boulder |
| _____ | _____ |
| 3. 3119 Bell Drive, Boulder | 4. _____ |
| _____ | _____ |

Respectively, Counties of

- | | |
|------------|------------|
| 1. Boulder | 2. Boulder |
| _____ | _____ |
| 3. Boulder | 4. _____ |
| _____ | _____ |

respectively, States of

- | | |
|-------------|-------------|
| 1. Colorado | 2. Colorado |
| _____ | _____ |
| 3. Colorado | 4. _____ |
| _____ | _____ |

respectively, have invented certain new and useful improvements in:

**SERVO DETECTION USING A CORRELATION DATA STRUCTURE FOR
CONCURRENT PROCESSING OF QUAD SIGNALS**

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

- ____ On the
- | |
|---|
| 1. <u>17</u> day of <u>October</u> , 2000 |
| 2. _____ day of _____, 2000 |
| 3. <u>17</u> day of <u>October</u> , 2000 |
| 4. _____ day of _____, 2000 |

respectively; or

____ Said application having Application Number ____/____, and filed on the ____ day of _____, 20____.

WHEREAS **CIRRUS LOGIC, INC.** (hereinafter termed "Assignee"), a corporation of **Delaware**, having a place of business at **4210 S. 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 in any or all countries of the world for patents, certificates of inventions or other 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.

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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) James Mark Graba
James Mark Graba

(1) State of Colorado
County of Boulder

On 10/17/00 before me, LINDA BUNTAIN, personally appeared James Mark Graba, personally known to me (or proved to me on the basis of satisfactory evidence) 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 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Linda Buntain
Signature

(2) _____
German S. O. Feyh

(2) State of Colorado
County of Boulder

On 10/17/00 before me, LINDA BUNTAIN, personally appeared German S. O. Feyh, personally known to me (or proved to me on the basis of satisfactory evidence) 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 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Linda Buntain
Signature

(3) Louis Supino
Louis Supino

(3) State of _____
County of _____

On _____ before me, _____, personally appeared Louis Supino, personally known to me (or proved to me on the basis of satisfactory evidence) 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 in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature