



Tab settings

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

1. Name of conveying party(ies): McCall, Kevin Jon Scott III, Baker Perkins Lee Vis, Marvin L.

MAD 7.09.02

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

2. Name and address of receiving party(ies)

Name: Cirrus Logic, Inc.

Internal Address:

Street Address: 4210 S. Industrial Drive

City: Austin State: TX Zip: 78744

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

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Execution Date: 03/14/02; 03/14/02; 05/30/02

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

If this document is being filed together with a new application, the execution data of the application is:

A. Patent Application No.(s) 10/117,467

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Leslie White

Internal Address: Cirrus Logic

Street Address: 4210 S. Industrial Drive

City: Austin State: TX Zip: 78744

6. Total number of applications and patents involved: one

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

- Enclosed, Authorized to be charged to deposit account

8. Deposit account number:

03-2028

(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.

Michael J. Setter Name of Person Signing

[Signature] Signature

7/3/02 Date

Total number of pages including cover sheet, attachments, and documents: 3

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

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

1101-MS

Whereas, I/We, Kevin Jon McCall, Baker Perkins Lee Scott III, Marvin L. Vis of Cirrus Logic, Inc., hereafter referred to as applicant, have invented certain new and useful improvements in FILTER CONTROL FOR VARYING DATA RATE COMMUNICATION CHANNELS

for which an application for a United States Patent was filed on 4/4/02
Application Number 10 / 117,467

for which an application for a United States Patent was executed on _____, and

Whereas, Cirrus Logic, Inc. of Texas herein referred to "assignee" whose mailing address is 4210 S. Industrial Drive is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 14 day of Mar, 2002
at Broomfield, CO

Marvin Vis

(Signature)

State of Colorado ss:
County of Broomfield

Before me personally appeared said Marvin Vis
and acknowledged the foregoing instrument to be his free act and deed this 14th
day of March, 2002

Quida Buntari

(Notary Public)

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

* Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

1101-MS

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for which an application for a United States Patent was filed on 4/4/02

Application Number 10 / 117, 467

for which an application for a United States Patent was executed on _____, and

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Executed this 14th day of Mar, 2002

at Broomfield, CO

Kevin J. McCall
(Signature)

State of Colorado) ss:

County of Broomfield

Before me personally appeared said Kevin J. McCall

and acknowledged the foregoing instrument to be his free act and deed this 14th day of March, 2002

Shirley Buntan
(Notary Public)

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

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