

To the Honorable Commissioner of Patents and Trademarks: P
1. Name of conveying party(ies): 8/13/02
1) Robert JENSEN 2) Khoi MAI 3) Vikram SHENOY and 4) Dimitris PANTELAKIS
Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No
Assignment executed on
1) Robert JENSEN on 08/7/2002, Khoi MAI on 08/7/2002 3) Vikram SHENOY on 08/7/2002 and 4) Dimitris PANTELAKIS on 08/12/2002

Barcode
102196162
Name: CIRRUS LOGIC, INC.
Internal Address: Intellectual Properties Dept.
Street Address: 4210 South Industrial Blvd.
City: Austin State: Texas ZIP: 78744
Additional name(s) & address(es) attached? [ ] Yes [ ] No

For copy thereof. Party(ies):
J1040 U.S. PTO 10/217364 08/13/02

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of this application is: August 2002
A. Patent Application No.(s) B. Patent No.(s) x 10/217364
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
[X] 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)

DO NOT USE THIS SPACE

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. DeHaemer, Esq. Signature Date August 13, 2002
Name of Person Signing Signature Date

Total number of pages comprising cover sheet, attachments, and document: \$+1+7

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231
08/19/2002 DBYRNE 00000191 10217364 40.00 DP
01 FC:5A1 2836-P188us

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2836-P188US 08/13/2002

## JOINT CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

1. Robert JENSEN, resident of 8002 Richard King Trail, Austin, Travis County, Texas 78749;
  2. Khoi MAI, resident of 2004 Lazy Bark, Austin, Travis County, Texas 78723;
  3. Vikram SHENOY, resident of 6636 West William Cannon, Apt. 735, Austin, Travis County, Texas, 78735; and
  4. Dimitris Pantelakis, resident of 11005 Rio Vista Drive, Austin, Travis County, Texas 78726;
- have invented certain new and useful improvements in:

### GLITCH-FREE MEMORY ADDRESS DECODING CIRCUITS AND METHODS AND MEMORY SUBSYSTEMS USING THE SAME

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

- xx On the 1. 7 day of August, 2002;
2. on the 7 day of August, 2002;
  3. on the 7 day of August, 2002; and
  4. on the \_\_\_\_ day of August, 2002.

\_\_\_\_ Said application having Application Number \_\_\_\_ / \_\_\_\_\_ and filed on the \_ day of \_\_\_\_\_, 2002.

WHEREAS CIRRUS LOGIC, INC. (hereinafter termed "Assignee"), a corporation of DELAWARE, having a place of business at 4210 South Industrial Boulevard, 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

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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

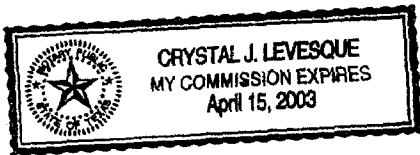
§  
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*Robert Jensen*  
Robert JENSEN

County of Travis \_\_\_\_\_

Before me, *Crystal J. Levesque*, a notary public, on this day personally appeared *Robert Jensen*, 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 *7<sup>th</sup>* day of *August*, 2002.




*Crystal J. Levesque*  
Notary Public Signature

*Crystal J. Levesque*  
Notary Public Printed Name

(2) State of TEXAS

§  
§  
§

  
Khoi MAI

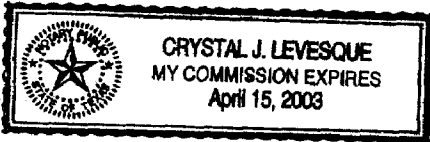
County of Travis \_\_\_\_\_

Before me, Crystal J. Levesque, a notary public, on this day personally appeared Khoi Mai, 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 7<sup>th</sup> day of August, 2002.

  
Notary Public Signature

Crystal J. Levesque  
Notary Public Printed Name



(3) State of TEXAS

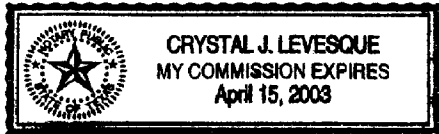
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Vikram Sheno  
Vikram SHENOY

County of Travis \_\_\_\_\_

Before me, Crystal J Levesque, a notary public, on this day personally appeared Vikram Sheno, 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 7<sup>th</sup> day of August, 2002.



Crystal J Levesque  
Notary Public Signature

Crystal J. Levesque  
Notary Public Printed Name

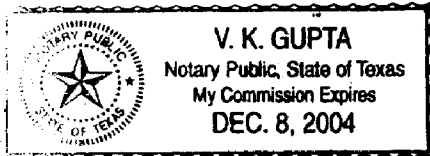
(4) State of TEXAS  
County of Travis \_\_\_\_\_

§  
§  
§

D.C. [Signature]  
Dimitris PANTELAKIS

Before me, V.K. GUPTA, a notary public, on this day personally appeared DIMITRIS PANTELAKIS, 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 12<sup>th</sup> day of AUGUST, 2002.



[Signature]  
Notary Public Signature

V-K. GUPTA  
Notary Public Printed Name

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2836-P188US 06/24/2002