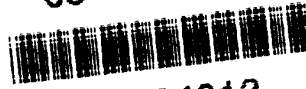


MRD 8-24-98



09-01-1998



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1605-02100
August 7, 1998

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ASSIGNMENT (DOCUMENT) COVER SHEET - PATENT

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

- 1. Name of conveying party(ies) (Assignor):
- 2. Name and address of party(ies) to whom transfer is made:

PATRICK HARKIN

CIRRUS LOGIC, INC.
3100 West Warren Avenue
Fremont, California 94538

- 3. Nature of conveyance: Assignment Change of Name Other _____

Execution Date: August 3, 1998

4. Identification of application:

Inventor(s): Daniel P. Wilde, Gautam Vaswani and Patrick Harkin
Serial/Patent No.: 09/106,874
Filing Date: June 30, 1998
Title of Invention: Error Correction In A Graphics Processor

5. Address to which document should be returned after recordal:

MICHAEL F. HEIM
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267

6. Total number of pages including cover sheet, attachments and document: 5

7. Fee payment is provided for as follows:

- New Application Transmittal (Item 13)
- FWC Transmittal (Item VIII)
- Attached is a check in the sum of \$40.00.
- Charge account No. 03-2769 if any additional fee is due or credit account No. 03-2769 with any overpayment.
- Charge account No. 03-2769 for any fees due..

8. 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.

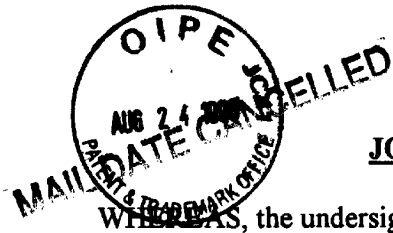
Michael F. Heim

MICHAEL F. HEIM
Reg. No. 32,702
Conley, Rose & Tayon, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
Tel. No. (713) 238-8000

08/24/1998 09106874

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JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned, DANIEL P. WILDE, having a residence at 2814 Hannah Kay Lane, City of Cedar Park, State of Texas; GAUTAM VASWANI, having a residence at 12605 Grimes Ranch Ct., City of Austin, State of Texas and the undersigned, PATRICK HARKIN, having a residence at 11228 Cedarcliffe, City of Austin, State of Texas 78750, (hereinafter termed "Inventors"), have invented certain new and useful improvements in:

ERROR CORRECTION IN A GRAPHICS PROCESSOR

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

On the _____ day of _____, 199____;

Or

Said application having Application Number _____ and filed on the _____ day of _____, 19____.

WHEREAS **CIRRUS LOGIC, INC.** (hereinafter termed "Assignee"), a corporation of **California**, having a place of business at **3100 West Warren Avenue, Fremont, California 94538**, 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 by said Inventors (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 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 to 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 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 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;

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, and his or her heirs, legal representatives and assigns.

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

IN WITNESS WHEREOF, the said Inventor has executed this instrument.

Date

GAUTAM VASWANI

THE STATE OF _____
COUNTY OF _____

Before me, _____, a notary public, on this day personally appeared GAUTAM VASWANI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office the ____ day of _____, 1998.

Notary Public Signature

Notary Public Printed Name

* * *

Date

DANIEL P. WILDE

THE STATE OF _____
COUNTY OF _____

Before me, _____, a notary public, on this day personally appeared DANIEL P. WILDE, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office the ____ day of _____, 1998.

Notary Public Signature

Notary Public Printed Name

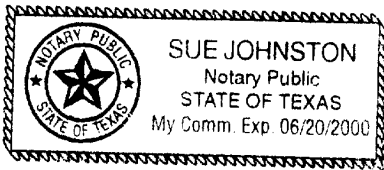
Date 8/3/98

Patrick Harkin
PATRICK HARKIN

THE STATE OF Texas
COUNTY OF Travis

Before me, Sue Johnston, a notary public, on this day personally appeared PATRICK HARKIN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office the 3 day of August, 1998.



Sue Johnston
Notary Public Signature

Sue Johnston
Notary Public Printed Name