FORM PTO-1595

07-02-1998

RE

DEPARTMENT OF COMMERCE Parent and Trademark Office U.S. **EET**

Attorney Decket No.2 de38-cs				
To the Honorable Commissioner of Paterus and Trademarks.	3932 Please record the attached original decuments or copy thereof			
Name of conveying party(ies):	Name and address of receiving party(ies):			
Raghunath Rao, Miroslav Dokic	Name: <u>CIRRUS LOGIC, INC</u>			
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Address: 3100 West Warren Avenue M/S 521			
3. Nature of conveyance:	Fremont, CA 94538-6419			
[x] Assignment [] Merger [] Security Agreement [] Change of Name				
Other:				
Execution Date: 6/5/98	Additional name(s) & address(es) attached? [] Yes [X] No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution date of the application is: and the title is:				
A. Patent Application No.(s)	B. Patent No.(s)			
09/042,288				
Additional numbers attac	hed? [] Yes [X] No			
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: ONE			
Name: Legal Department, M/S 521	Total fee (37 CFR 3.41):\$ <u>40.00</u>			
Address: CIRRUS LOGIC, INC	[] Enclosed			
3100 W. Warren Avenue	[X] Authorized to be charged to deposit account, if necessary			
Fremont, California 94538-6419	8. Deposit account number:			
	03-2028			
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. J.P. Violette Name of Person Signing Registration No. 39,790 Total number of pages including cover sheet, attachments, and document: _4				
Do not detach this portion				
Mail documents to be recorded with required cover sheet information to:				
01/1998 SSNITH 00000056 032028 09042288 Assistant Commissioner for Patents				

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Box Assignment Washington, D.C. 20231

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Cirrus File Number: 0834-CS

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

- 1. Raghunath Rao, resident of 9529 Sanford Drive, Austin, Travis County, Texas 78748 and
- 2. Miroslav Dokic, resident of 9437 Lightwood Loop, Austin, Travis County, Texas 78748,

have invented certain new and useful improvements in:

INPUT DATA FORMAT AUTODETECTION SYSTEMS AND METHODS

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

	On the	
1	day of	, 1998
2.	day of	, 1998
3	day of	, 1998
respe	ctively; or	
<u>X</u>	Said application having 1998.	Application Number 09/042,288 and filed on the 13th day of March

WHEREAS <u>CIRRUS LOGIC</u>, <u>INC</u>. (hereinafter termed "Assignee"), a corporation of <u>California</u>, having a place of business at <u>3100 West Warren Avenue</u>, <u>Fremont</u>, <u>California</u> <u>94538-6419</u>, 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.

Cirrus File Number: 0834-CS

(1) State of Texas County of Travis Before me, PAULA HALLAHUHTA a notary public, on this day personally appeared PAULA HALLAHUHTA was commissioned to me that he/she/hey executed the same for the purposes and considerations therein expressed. Given under my hand and seal of the day of JUNE 1998. PAULA HALLAHUHTA was commissioned to the within instrument and acknowledged to me that he/she/hey executed the same for the purposes and considerations therein expressed. (2) Miroslav Dokic (3) State of Texas County of Travis Before me, PAULA HALLAHUHTA anotary public, on this day personally appeared TIRE SAN DEKIC 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 of the day of JUNE 1998. PAULA HALLAHUHTA Notary Public Signature PAULA HALLAHUHTA Notary Public Signature PAULA HALLAHUHTA Notary Public Signature				(1) K Raghunath Rao
Before me, PAULA HALLAHUTTA, a notary public, on this day personally appeared L. PACHANTH RAD, 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 of the day of JUNE, 1998. PAULA HALLAHUTTA MY COMMISSION BORRES Merch 30, 2000 PAULA HALLAHUTTA Notary Public Signature PAULA HALLAHUTTA Notary Public Printed Name (2) Miroslav Dokic (3) State of Texas) County of Travis) Before me, PAULA HALLAHUTTA a notary public, on this day personally appeared The Such V Dokic kind 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 of the 5 day of JUNE 1998. PAULA HALLAHUTTA Notary Public Signature PAULA HALLAHUTTA Notary Public Signature	(1)	State of Texas)	
(2) State of Texas County of Travis Before me. TRULA HALLAHUHTA County of Travis Before me. TRULA HALLAHUHTA No and acknowledged to me that he/she/they executed the same for the purposes and considerations therein expressed. (2) State of Texas County of Travis Before me. TRULA HALLAHUHTA A notary public, on this day personally appeared THRESLAND BELIC 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 of the PAULA HALLAHUHTIA AND PAULA HALLAHUHTIA		County of Travis)	
PAULA HALLAHUHTA MY COMMASSION EXPIRES March 30, 2000 PAULA HALLAHUHTA MY COMMASSION EXPIRES March 30, 2000 PAULA HALLAHUHTA A notary Public Printed Name (2) State of Texas County of Travis Before me. PRULA HALLAHUHTA an otary public, on this day personally appeared MIRCILAN DEKIC 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 of the PAULA HALLAHUHTA MY COMMASSION EXPIRES Notary Public Signature PAULA HALLAHUHTA Notary Public Signature Notary Public Signature		instrument and acknowledged to m	to me to be that he/	a notary public, on this day personally appeared be the person(s) whose name(s) is/are subscribed to the within she/they executed the same for the purposes and considerations
PAULA HALLAHUHTA Notary Public Signature PAULA HALLAHUHTA Notary Public Printed Name (2) Miroslav Dokic (2) State of Texas County of Travis Before me, PAULA HALLAHUHTA and acknowledged to me that he/she/they executed the same for the purposes and considerations therein expressed. Given under my hand and seal of the 5 day of JUNE 1998. PAULA HALLAHUHTA Notary Public Signature	Given u	under my hand and seal of the <u>5</u>	day of	JUNE 1998.
(2) Miroslav Dokic (2) State of Texas (2) State of Texas (3) County of Travis (4) Before me, PXULA HALLAHUHTA, a notary public, on this day personally appeared and acknowledged to me that he/she/they executed the same for the purposes and considerations therein expressed. Given under my hand and seal of the 5 day of JUNE, 1998. PAULA HALLAHUHTA Notery Public Signature				Notary Public Signature
Miroslav Dokic (2) State of Texas County of Travis Before me, PXULA HALLAHUHTA, a notary public, on this day personally appeared MIROSLAV DOKIC, 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 of the		MY COMMISSION EXPIRES		PXVLA HALLAHUHTA Notary Public Printed Name
(2) State of Texas County of Travis Before me, PXULA HALLAHUHTA, a notary public, on this day personally appeared MIRGOLAY DOKIC, 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 of the 5 day of JUNE, 1998. PAULA HALLAHUHIA Notary Public Signature				
Before me, PXULA HALLAHUHTA, a notary public, on this day personally appeared MIRGLAY DOKIC, 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 of the 5 day of JUNE, 1998. PAULA HALLAHUHIA NOTARY Public Signature				Mirosiav Dokic
Given under my hand and seal of the _5 day ofJUNE	(2)))	
PAULA HALLAHUHIA Notary Public Signature Notary Public Signature	MIRES and ack	LAV DOKIC, known to me to	be the pe	rson(s) whose name(s) is/are subscribed to the within instrument
PAULA HALLAHURUS Notary Public Signature	Given u	under my hand and seal of the 5	day of	JUN€ , 1998.
70700		MY COMMISSION EXPIRES		
PAULA #XLL/NHUHTX Notary Public Printed Name	ان			