FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 10-22-1999



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Name (line 2)	<u> </u>			Execution Date
Second Party Name (line 1)	John Pacourek			Month Day Yea 09/23/99
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Name (line 2)				
Receiving P	Party	Mark if addition	onal names of rece	eiving parties attached
Name (line 1)	CIRRUS LOGIC, INC.			If document to be reco
Name (line 2)				receiving party is not domiciled in the Unite
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Address (line 1)	3100 West Warren Avenue			representative is attac (Designation must be separate document fr
Address (line 2)	M/S 521			Assignment.)
Address (line 3)	Fremont	California	94538-641	19
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2		U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephon	e Number 512/43	4-2400
Name William W. Kidd			
Address (line 1) Blakely, Sokoloff, Taylor & Zafi	man LLP		
Address (line 2) 12400 Wilshire Boulevard			
Address (line 3) Seventh Floor			
Address (line 4) Los Angeles, California 90025	-1026		
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Deposit Account Number:

maicated nerem.

William

W. Kidd, Reg. No. 31,772	Welliam	W.	<u>/L.</u>

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Name of Person Signing

Signature

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Date

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PATENT REEL: 010316 FRAME: 0932

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

1.	VISHNU S. SRINIVASAN	2.	JOHN PACOUREK
3.	JOHN JAMES PAULOS	- 4.	
(her	einafter termed "Inventors"), residents of		
1.	5356 Magdelena Drive, Austin	2.	4605 Arapahoe Trail, Austin
3.	7922 Jester Boulevard, Austin	4.	
Res	pectively, Counties of		
1.	Travis	2.	Travis
3.	Travis	4.	
resp	ectively, States of	_	
1.	Texas	2.	Texas
3	Texas	- 4.	

respectively, have invented certain new and useful improvements in:

OPEN LOOP SUPPLY INDEPENDENT DIGITAL/LOGIC DELAY CIRCUIT

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

X On the

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BSTZ No. 003929.P005

respec	ctively; or			
	Said application having Application Number, 19	_/,	and filed on the	day of

WHEREAS <u>CIRRUS LOGIC</u>, INC. (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 94583</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.

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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) Vishnu Srini Vasan VISHNU S. SRINIVASAN
VISHNU S. SRINIVASAN
(1) State of TEXAS) County of TRAXIS
On <u>C-1-23-71</u> before me, <u>I AULA HALLA HUHA</u> , personally appeared Vishnu Srinivasan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/ar 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
PAULA HALLAHUHTA My commission expires March 30, 2000 (2) JOHN PACOUREK
(2) State of TRAKIS
On 101-23-77 before me, the foreme, 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. According to Signature
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PAULA HALLAHUHTA MY COMMISSION EXPIRES March 30, 2000

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		(3) Marks	
		JOHN JAMES PAULOS	
(3)	State of TEXAS		
	County of TRAVIS		
	On <u>07-23-77</u> before r	B, PXULA -HALLAHUHTA	, personally appeared John James
the within	personally known to me (or prov n instrument and acknowledge	d to me on the basis of satisfactory evidence) to be the per to me that he/she/they executed the same in his/her/th nt the person/(s), or the entity upon behalf of which the pe	son(s) whose name(s) is/are subscribed to eir authorized capacity(ies), and that by
WITNES	S my hand and official seal.	delle, Hallallada	
		Signature	
Service Control	PAULA HALLAHUHTA		

RECORDED: 10/08/1999