FORM PTO-1595	01-04-1999		 9	''S. DEPARTME Patent a	
MRD 12-18-98				Attorney l	
To the Honorable Commissioner of Patents and	10	0934309	9	iginal documer	
Name of conveying party(ies):		2. Name a	nd address	of receiving pa	
Ben Chang		Name:	CIRRUS	LOGIC, INC.	
Additional name(s) of conveying party(ies) attached? []	Yes [X] No	Address	: 3100 We	st Warren Aven	

NT OF COMMERCE nd Trademark Office

Docket No. 0890-MS

nts or copy thereof. ty(ies): ue M/S 521

3. Nature of conveyance: Fremont, CA 94538-6419 [x] Assignment Merger Change of Name] Security Agreement Cther Execution Date: 12/18/98 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 12/18/98 and the title is: Interface Tap for 1394-Enabled Serial Bus Device B. Patent No.(s) A Patent Application No.(s) Additional numbers attached? [] Yes [X] No Total number of applications and patents involved: ONE 5. Name and address of party to whom correspondence concerning document should be mailed: Total fee (37 CFR 3.41):\$ 40.00 Name: Legal Department, M/S 521 [] Enclosed Address: CIRRUS LOGIC, INC. [X] Authorized to be charged to deposit account, if necessary 3100 W. Warren Avenue 8. Deposit account number: Fremont, California 94538-6419 03-2028 DO NOT USE THIS SPACE 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 Steven A. Shaw Name of Person Signing Registration No. 39,368

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

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Cirrus File Reference: 0890-MS

SOLE TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned, Ben Chang (hereinafter termed "Inventor"), having a residence at 21391 Vai Ave., City of Cupertino, County of Santa Clara, State of California 95014, has invented certain new and useful improvements in:

INTERFACE TAP FOR 1394-ENABLED SERIAL BUS DEVICE

	as executed a declaration or oath for an application for a United States patent disclosing and ying the invention:							
_ <u>X</u>	On the <u>Kith</u> day of December, 1998;							
	Or							
	Said application having Application Number and filed on the day of							
acquire and in Invente and ot	WHEREAS <u>CIRRUS LOGIC</u> , <u>INC</u> . (hereinafter termed "Assignee"), a corporation of <u>California</u> a place of business at <u>3100 West Warren Avenue</u> , <u>Fremont</u> , <u>California 94538-6419</u> , wishes to e the entire right, title and interest in and to said application and the invention disclosed therein, and to all embodiments of the invention, heretofore conceived, made or discovered by said or (hereinafter termed "said invention"), and in and to any and all patents, certificates of invention her forms of protection thereon (hereinafter termed "patents") applied for or granted in the United and/or other countries.							
been r	NOW THEREFORE, for good and valuable consideration acknowledged by said Inventor to have eceived in full from said Assignee:							
all cou inventi Protec (c) in a govern and ev	1. Said Inventor does hereby sell, assign, transfer and convey to said Assignee, the entire right, id interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or entries of the world for patents, certificates of inventions or other governmental grants on said ion, including the right to apply for patents pursuant to the International Convention for the stion of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; and to any and all applications filed and any and all patents, certificates of inventions or other mental grants granted on said invention in the United States or any other country, including each very application filed and each and every patent granted on any application which is a division, aution, or continuation of any of said applications; (d) in and to each and every reissue or extension							

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Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said

of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination

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certificate for any and all of said patents.

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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; (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 Inventor 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 Inventor, and his or her heirs, legal representatives and assigns.
- 4 Said Inventor hereby warrants and represents that the inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed and delivered this instrument to said Assignee on the date of acknowledgment before the Notary Public as given below.

		Den	\bigcirc	ul	
		Ber	n Chang		
State of California)		•		
County of Alameda	ý				
On $\sqrt{2}-78-78$ person whose name is subscribed and that by his signature on the in	d to the within instrument	earn, personally appeared Ben C t and acknowledged to me that he the entity upon behalf of which th	e executed the	same in his authorized car	pacity
vVITNESS my hand and official se	eal. <u>Siste</u>	Chearn Signature			



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RECORDED: 12/18/1998