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attached original documents or copy thereof. o the Honorable Commissioner of Pater Name of conveying party(ies): 2. Name and address of receiving party(ies): Karl Nordling Cirrus Logic, Inc. Name: Address: 3100 West Warren Avenue Additional name(s) of conveying party(ies) attached? 

Yes 

No Fremont, California 94538 3. Nature of Conveyance: Assignment Merger ☐ Security Agreement □ Change of Name □ Other Execution Date: September 10, 1997 Additional name(s) & address(es) attached? □ Yes ■ 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: September 10, 1997 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? □ Yes B No 6. Total number of applications and patents involved: \_1\_ 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):.....\$ 40.00 Robert P. Sabath Law Offices of Robert Sabath □ Enclosed 111 North Market Street, Suite 815 ■ Authorized to be charged to deposit account San Jose, CA 95113 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. September 16, 1997 Robert P. Sabath Name of Person Signing Signature Date Total number of pages including cover sheet: 5 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information to:

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## ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, That Whereas I, KARL NORDLING, have invented certain new and useful improvements in ANALOG FRONT END AND DIGITAL SIGNAL PROCESSING DEVICE AND METHOD, for which an application for Letters Patent of the United States of America has been executed by me on even data herewith; and

WHEREAS CIRRUS LOGIC, INC., a corporation duly organized and existing under the laws of California, and having an address at 3100 WEST WARREN AVENUE, FREMONT, CALIFORNIA 94538, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable considerations to me by CIRRUS LOGIC, INC., the receipt whereof is hereby acknowledged, I do hereby sell, assign, transfer and set over unto CIRRUS LOGIC, INC., its successors and assigns, the entire right, title and interest in, to and under the said application for United States Letters Patent, including all priority rights arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for the said inventions, or any of them.

TO HAVE, HOLD and ENJOY the said inventions, the said Application, and the said Letters Patent to said CIRRUS LOGIC, INC., its successors and assigns, to its and their own use and behoove to the full end of the term or terms for which the said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

And I do hereby authorize and request the Commissioner of Patents of the United States to issue any United States Letters Patent which may be granted on the said application, or any divisional, reissue or continuation applications, or for the said inventions of any of them, to said CIRRUS LOGIC, INC., its successors and assigns, as assignees of the entire right, title and interest therein and thereto.

And I do hereby, for myself and for my legal representatives, covenant and agree

Page 1 of 4

with CIRRUS LOGIC, INC., its successors and assigns, that I have granted to others no license to make, use or sell any of the said inventions, that my rights, title and interest in the said inventions has not been encumbered, that I have good right and title to sell and assign the same, and that I will not execute any instrument in conflict herewith.

And I do hereby, for myself and for my legal representatives, further covenant and agree with CIRRUS LOGIC, INC., its successors and assigns, that upon request I will, and they shall, execute divisional, reissue or continuation applications, amended specifications, or rightful oaths; communicate to CIRRUS LOGIC, INC., its successors and assigns, any facts known to me relating to the said inventions or the history thereof: execute preliminary statements and testify in any interference proceedings; execute and deliver any application papers, assignments, or other instruments, and do all other acts which, in the opinion of counsel for CIRRUS LOGIC, INC., may be necessary or convenient to secure the grant of Letters Patent to CIRRUS LOGIC, INC., its successors and assigns, or its nominees, in the United States and in all other countries where CIRRUS LOGIC, INC., may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for CIRRUS LOGIC, INC., and to vest and confirm in CIRRUS LOGIC, INC., its successors and assigns, or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than now paid but at the expense of CIRRUS LOGIC, INC., its successors or assigns.

The undersigned hereby grant(s) the firm of The Law Offices of Robert Sabath, 1798 Technology Drive, Suite 244, San Jose, California 95110, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the dates indicated below:

Date: 9/10/97

Karl Nordling

LAW OFFICES OF ROBERT SABATH 1798 Technology Drive, Suite 244 San Jose, California 95110

Page 3 of 4

STATE OF Morth Carolina
l <sub>ee</sub>
COUNTY OF Thenous
On this 10th day of September in the year 1997, before me
Yatuin 7. Sheppard, a Notary Public in and for said State,
personally appeared Karl I. Moraling
personally known to me -OR-
proved to me on the basis of satisfactory evidence
to be the message whose message authorithed to the within instrument, and colonovaled as

to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and Official Seal.

Vatura M. Sheppa Signature of Notary

Notary Public of the State of Math Carolina
Residing in Hannila Carolina

My Commission expires 6-