| F) $MP_{10-1595}$ $= 24.01$ $06-05-2$ | 001 EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | |
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| OMB No. 0651-0011 (exp. 4/94) | | |
| To the Honorable Commissioner c 1017401 | 95 attached original documents or copy thereof. | |
| Name of conveying party(ies): | 2. Name and address of receiving party(ies): | |
| 1) KOST, Michael Allan | Name: CIRRUS LOGIC, INC. | |
| Additional name(s) of conveying party(ies) attached? □ Yes ⋈ No 3. Nature of conveyance: □ Assignment □ Merger | Internal Address: Intellectual Properties Dept. Street Address: 4210 South Industrial Drive City: Austin State: Texas ZIP: 78744 | |
| □ Security Agreement □ Change of Name □ Other Corrective document to correct Assignor name □ and Assignee address Execution Date: | 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. | n, the execution date of this application is: | |
| A. Patent Application No.(s) 09/625,899 Additional numbers at: | B. Patent No.(s) tached? □ Yes □ No | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | Total number of applications and patents involved: 1 | |
| Name: James J. Murphy, Esq. | 7. Total fee (37 CFR 3.41): | |
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| Street Address: P.O. Box 50784 1201 Main Street | Deposit account number: 23-2426 of Winstead Sechrest & Minick L.P. | |
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| Statement and signature. To the best of my knowledge and belief, the foregoing informathe original document. | nation is true and correct and any attached copy is a true copy of | |
| 1 1 11 1 | May 24, 2001 | |
| James J. Murphy Name of Person Signing Sign | nature Date | |

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

Total number of pages comprising cover sheet, attachments, and document:

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Name of Person Signing

471-2836- P105US FILED VIA EXPRESS MAIL, LABEL NO. EM 570 628 856 US

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PATENT REEL: 011850 FRAME: 0296

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| To the Honorable Commissioner o | 10143979 | attached | original documents or copy thereof. (A) |
| Name of conveying party(ies): | 2 | | ss of receiving party(ies): |
| 1) KOST, Michael Allen | · | Name: CIRRUS L | OGIC, INC. |
| Additional name(s) of conveying party(ies) attached | ed? ⊐Yes ⊠ No | | Intellectual Properties Dept. M/ S 521 |
| 3. Nature of conveyance: | | Street Address: 3 | 100 West Warren Avenue |
| □ Assignment □ M □ Security Agreement □ C □ Other | | City: Fremont | State: California ZIP: 94538-6419 |
| Execution Date: 1) July 24, 2000 | | Additional name(s) & | 3 address(es) attached? □ Yes □ No |
| Application number(s) or patent number If this document is being filed together A. Patent Application No.(s) | r with a new application, | the execution date of B. Patent No.(s) | x |
| | Additional numbers attac | · · · · · · · · · · · · · · · · · · · | |
| Name and address of party to whom of concerning document should be mailed | | i. Total number of ap | plications and patents involved: 1 |
| Name: James J. Murphy, Esq. | 7 | . Total fee (37 CFF | R 3.41): |
| Internal Address: 5400 Renaissance | Tower | ≅ Enclosed□ Authorized to | be charged to deposit account |
| Street Address: 1201 Elm | <u> </u> | • | number: 23 2426 of Winstead Sechrest & |
| City: Dallas State: Texas ZIP: 75 | 5270 | Minick L.P. (Attach duplicate co | py of this page if paying by deposit account) |
| | DO NOT USE 1 | HIS SPACE | |
| 9. Statement and signature. To the best of my knowledge and believe the original document. James J. Murphy, Esq. Name of Person Signing | James of Mangley- | ure | July 26 , 2000 Date sheet, attachments, and document: 3+\$ |
| Mail document | ts to be recorded with ressioner of Patents & Tra | equired cover shee | et information to: signments |

Washington, D.C. 20231

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2836- P105US



PATENT REEL: 011850 FRAME: 0297

| Cirrus | File | Number: | - |
|--------|------|---------|---|
| | | | |

JOINT CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

1. Kost, Michael Allan, resident of 2901 Barton Skyway, Apartment 2406, Austin, Travis County, Texas, 78746;

have invented certain new and useful improvements in:

2.44h Have of July 2000:

VOLTAGE LEVEL SHIFTING CIRCUITS AND METHODS AND SYSTEMS USING THE SAME

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

| XXX Uni | the 1. 24th day of 3 | luly, 2000, | | |
|------------|----------------------|------------------------|-----|-----------|
| respective | ly; or | | | |
| • | Said application ha | ving Application Numbe | er/ | and filed |
| | on the day of | , 2000. | | |

WHEREAS <u>CIRRUS LOGIC</u>, INC. (hereinafter termed "Assignee"), a corporation of <u>DELAWARE</u>, having a place of business at <u>3100 West Warren Avenue</u>, Fremont, California <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 to any and all countries of the world for patents, 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

-1-

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.

- 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 expenses 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.
- 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.

-2-

| (1) | State of Texas § Michael Allen KOST County of Travis § |
|-----|---|
| | Before me, Tommi Ann Molson, a notary public, on this day personally appeared Michael Allen Kost, 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. |
| | TAMMI ANN NELSON Notary Public STATE OF TEXAS My Comm. Expires 09-13-2003 Notary Public Signature Tammi Ann Nelson Notary Public Printed Name |

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