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ATTORNEY DOCKET NO.: 0848-CS

U.S. DEPARTMENT OF COMMERCE

EET

Patent and Trademark



100674702

To the Honorable Commissioner of Patents and Trademark

1. Name of conveying party(ies):

Nariankadu D. Hemkumar

2. Name and address of receiving party(ies):

Name: Crystal Semiconductor Corporation

Internal Address:

Street Address: 2150 Woodward Street, Building 30F

City Austin State TX ZIP 78744

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: March 20, 1998

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: March 20, 1998

A. Patent Application No.(s)

Title: "Full-Duplex Speakerphone Circuit Including A Double-Talk Detector"

Inventor: Nariankadu D. Hemkumar

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name J.P. Violette

Internal Address: CIRRUS LOGIC, INC.

Street Address: 3100 West Warren Avenue, M/S 521

City FREMONT State CA ZIP 94538-6419

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41):

\$ 40.00

☒ Authorized to be charged to Deposit Account 19-2386

☒ Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit Deposit Account 19-2386 any amounts overpaid

DO NOT USE THIS SPACE

8. 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.

Stephen A. Terile

Name of Person Signing

Reg. No.: 32,946

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2


Express Mail label number EL078555229US

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, Nariankadu D. Hemkumar of Austin, Texas hereby sell, assign and transfer to Crystal Semiconductor Corporation, a Texas corporation, having a place of business at 2150 Woodward Street, Building 30F, Austin, Texas 78744, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**FULL-DUPLEX SPEAKERPHONE CIRCUIT INCLUDING A
DOUBLE-TALK DETECTOR**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed on <u>March 20th</u> , 19 <u>98</u> . <u>N. D. Hem Kumar</u>	
Nariankadu D. Hemkumar	
State of <u>TEXAS</u>	
County of <u>BRAZOS</u>	
<p>On <u>MARCH 20, 1998</u> before me, personally appeared Nariankadu D. Hemkumar, 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 this 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.</p>	
 <div style="border: 1px solid black; padding: 5px; display: inline-block;"> PAULA HALLAHUITA MY COMMISSION EXPIRES March 30, 2000 </div>	<p>WITNESS my hand and official seal.</p> <p style="text-align: center;"><u>Paula Hallahuita</u></p> <p style="text-align: center;">SIGNATURE OF NOTARY</p>