

Form PTO-1595  
(Rev. 03/01)

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

## 1. Name of conveying party(ies):

Cirrus Logic, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: February 5, 2004

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

Broadcom Corporation  
 16215 Alton Parkway  
 Irvine, California 92618-3616

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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

5,771,127

Additional numbers attached? ☐ Yes ☒ No

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

Ronald H. Spuhler  
 McAndrews, Held & Malloy, Ltd.  
 34th Floor  
 500 West Madison Street  
 Chicago, Illinois 60661

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- ☐ Enclosed. Any excess or insufficiency should be credited or debited to deposit account.  
☒ Authorized to be charged to deposit account.

## 8. Deposit account number:

13-0017

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## 9. Signature.

Name of Person Signing: Ronald H. SpuhlerReg. No. 52,245Date: February 6, 2004Signature: Ronald SpuhlerTotal number of pages including cover sheet, attachments and document: 6

Mail documents to be recorded with required cover sheet information to:  
 Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office  
 P.O. Box 1450 Alexandria, VA. 22313-1450

PATENT

700064854

REEL: 014313 FRAME: 0443

CH \$40.00 130017 5771127

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT is made as of the <sup>5<sup>th</sup></sup> day of February 2004, from Cirrus Logic, Inc., a corporation organized under the laws of Delaware, with an address at 2901 Via Fortuna, Austin, Texas 78746-7574 ("Assignor") to Broadcom Corporation, a company existing pursuant to the laws of California, with an address at 16215 Alton Parkway, Irvine, California 92618-3616 ("Assignee").

WHEREAS, Assignor is the owner of the patents and patent applications (the "Patents") set forth in Schedule A attached hereto.

WHEREAS, Assignor and Assignee have entered into a Patent Purchase Agreement dated as of January 22, 2004, pursuant to which Assignor has agreed, *inter alia*, to grant and assign to Assignee all of Assignor's right title and interest in and to the Patents and Assignee desires to acquire the entire right, title and interest in and to the Patents.

NOW, THEREFOR, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

I. Assignor hereby irrevocably sells, transfers, conveys and assigns unto Assignee, its successors and assigns, Assignor's entire right, title and interest in and to the Patents and any continuations, divisions, reissues, or extensions of the Patents, including all past and future income, royalties, damages and payments due (including, rights to damages and payments for past, present or future infringements or misappropriations) with respect thereto, in each case, of Assignor in all countries relating to the Patents.

II. Assignor hereby authorizes the Commissioner of Patents and Trademarks of the United States and other empowered officials of the United States Patent and Trademark Office and/or the appropriate empowered officials other relevant jurisdictions outside the United States to record the transfer of the Patents to Assignee as assignee of Assignor's entire right, title and interest therein, in accordance with this Patent Assignment, and to issue to Assignee all letters patent which may issue with respect to the Patents.

IN WITNESS WHEREOF, Assignor has caused these presents to be duly executed in a manner appropriate thereto as of the date first above written.

Assignor: CIRRUS LOGIC, INC.

By: 

Name: Scott Thomas

Title: Vice President, General Counsel and  
Corporate Secretary

Assignee: BROADCOM CORPORATION

By: 

Name: James D. Bennett

Title: Director of Intellectual Property

**ACKNOWLEDGMENT**

State of Texas                    )  
  ) ss:  
County of Travis                )

On this 5<sup>th</sup> day of February 2004, before me, the undersigned, personally appeared Scott Thomas, 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.

Signature:  (Seal)

Notary Public



Schedule A

Assigned U.S. Patents and Patent Applications	Foreign Patents and Applications	Country
08/421,652	None	
08/577,735	None	
08/810,829	None	
09/892,649	None	
10/028,871	None	
5,583,706	None	
5,585,975	None	
5,592,682	None	
5,602,857	None	
5,603,052	None	
5,629,949	None	
5,696,639	None	
5,701,314	DE69608230 EP0783168 0783168 0783168 0783168 JP2791318	DE EP GB NL IE JP
5,717,395	None	
5,771,127	JP9-185595 EP1997 00112521	JP EP
5,835,295	None	
5,838,738	JP9-203498 EP823708 97-37118	JP EP KR
5,844,507	JP10-134520 EP823787 KR35422/1997	JP EP KR
5,844,509	None	
5,844,738	None	

Assigned U.S. Patent and Patent Applications	Foreign Counterparts	Country
5,848,438	US95/02609 JP10-500520 EP748504 KR276148	PCT JP EP KR
5,864,568	US96/05106	PCT
5,917,914	None	
5,926,490	None	
5,961,658	None	
5,966,258	None	
5,978,162	JP518128/94 SG0055093 WO9418670A1 EP746848	JP SG WO EP
5,986,830	None	
5,991,107	None	
5,991,911	10-325725	JP
5,996,105	JP10-324612 98-44863 87115658	JP KR TW
6,009,549	None	
6,032,284	None	
6,048,090	JP10-113990	JP
6,052,248	None	
6,185,173	US99/17108 EP1101224 JP2002521788 KR10-2001-70012 88113104 01105521.6 99937579.3 99937579.3 99937579.3	PCT EP JP KR TW HK DE FR GB
6,216,249	None	
6,246,723	None	
6,332,182	None	
6,384,747	None	

Assigned Sub-Patents and Patent Applications	Foreign Countries	Country
6,449,110	None	
6,505,320	US01/07616 EP01916525.7	PCT EP
6,594,716	EP99958809.8 JP581526 KR7005811 SG200102243-3 US99/26239	EP JP KR SG WO
6,646,822	None	