

FORM PTO-1595

1/31/92

REC

04-08-2002

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

P/



102046945

To the Honorable Commissioner of Patents and Trademarks, please receive the enclosed original documents or copies thereof.

1. Name of conveying party(ies):

Martin Kuhlmann  
Robindra B. Joshi

3-22-02

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

3. Nature of conveyance:

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

Execution Date: January 23, 2002

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

Broadcom Corporation  
16215 Alton Parkway  
Irvine, CA 92618-3616

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

OFFICE OF PUBLIC RECORDS  
2002 MAR 22 AM 10:38  
FINANCE SECTION

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) 10/058,509

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Ronald E. Larson, Esq.  
McAndrews, Held & Malloy, Ltd.  
500 West Madison Street  
34<sup>th</sup> Floor  
Chicago, Illinois 60661

6. Total number of applications and patents involved: 1

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

- Enclosed.
- Authorized to be charged to deposit account.

8. Deposit account number: 13-0017.

(Attach duplicate copy of this page if paying by deposit account).

04/05/2002 TDIAZ1 00000165 10058509

01 FC:561 40.00 OP

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.

23446

PATENT TRADEMARK OFFICE

Signature and Registration Number: Ronald E. Larson Date: March 11, 2002

Registration No. 24,478

Name of Person Signing: Ronald E. Larson

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

# ASSIGNMENT

Case No. **13205US01**

Serial No. 10/058,509

Inventors: **Martin Kuhlmann**  
**Robindra B. Joshi**

Filing Date: Jan. 28, 2002

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **Broadcom Corporation**, a California corporation, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **COMMUNICATION TIMING COORDINATION TECHNIQUES**; and identified as Case No. **13205US01** in the offices of McANDREWS, HELD & MALLOY, LTD., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, reexamination, reissue or extension of such applications or patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

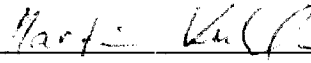
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.


For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional or extension and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, re-examination or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings

or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand this 23<sup>rd</sup> day of January, 2002.

  
\_\_\_\_\_  
**Martin Kuhlmann**

WITNESS my hand this 23<sup>rd</sup> day of January, 2002.

  
\_\_\_\_\_  
**Robindra B. Joshi**