

09-29-2003

Docket No. 13749US03

Form PTO-1595
(Rev. 03/01)

RECORD



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

DOCUMENT ID NO.: 102417817 PATENTS ONLY 102561236

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

1. Name of conveying party(ies): 9-25-03
Jeffrey Douglas Carr
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Broadcom Corporation
16215 Alton Parkway
Irvine, CA 92618
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
Execution Date: December 3, 2002

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)
10/310,075
Additional numbers attached? Yes No

B. Patent No.(s)
10/310,075
Additional numbers attached? Yes No

100 SEP 25 AM 7:21
OPR/FINANCE

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

DO NOT USE THIS SPACE

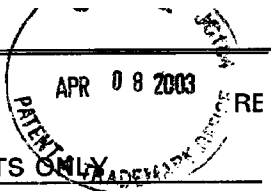
9. Signature.
Name of Person Signing: Shawn L. Peterson Reg. No. 44,286 Date: Sept. 17, 2003
Signature: Shawn L. Peterson

09/29/2003 ECDOPER 00000004 10310075 Total number of pages including cover sheet, attachments and document: 4

01 FCT8021 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 Arlington, VA. 22313-1450

PATENT
REEL: 014522 FRAME: 0368

FORM PTO-1595
1/31/92
OFFICE



04-1112003

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK



PATENTS ONLY

102417317

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

1. Name of conveying party(ies): Jeffrey Douglas Carr **4.8.03**

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Dates: December 3, 2002

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

Broadcom Corporation
16215 Alton Parkway
Irvine, CA 92618

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)

10/310,075

B. Patent No.(s)

Additional numbers attached? Yes No

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

Michael T. Cruz
McAndrews, Held & Malloy, Ltd.
500 W. Madison, 34th Floor
Chicago, IL 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).

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.

Signature and Registration Number: Michael T. Cruz

Registration No. 44,636

Date: April 2, 2003

Name of Person Signing: Michael T. Cruz

Total number of pages including cover sheet, attachments and document: 4

ASSIGNMENT

File No.: 13749US03

Serial No.: 10/310,075

Inventor: Jeffrey Douglas Carr

Filing Date: December 4, 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 assigns 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: **SYSTEM AND METHOD FOR SECURELY BUFFERING CONTENT**, bearing docket number 13749US03, and in said applications 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 on improvements conceived of during the undersigned's full time employment with Assignee, 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 assigns to said assignee the priority right provided by the International Convention.

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

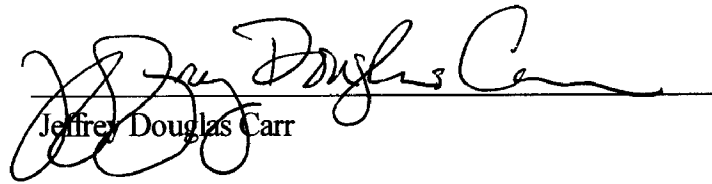
The undersigned hereby authorizes and requests the attorneys of record in said application bearing docket number 13749US03 to insert in this assignment the filing date and serial number of said application when officially known, if applicable.

The undersigned warrants himself to have been, but for the employment agreement executed between the undersigned and Assignee, the owner of the entire right, title and interest in said invention or said improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations, and for the additional consideration of payment for requested work performed at a rate of \$300 per hour (adjusted for cost of living as necessary) and of payment of reasonable out of pocket expenses incurred by the undersigned in connection with such work performed, the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, and at times that the undersigned is available, to execute any and all continuation, continuation-in-part, divisional, extension and substitute applications for said invention or said 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 documents for Letters Patent in foreign countries on said invention or said improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or said improvements in its own name in such countries where such

procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, and for the additional consideration of payment for requested work performed at a rate of \$300 per hour (adjusted for cost of living as necessary) and of payment of reasonable out of pocket expenses incurred by the undersigned in connection with such work performed, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, at times that the undersigned is available, 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 to vest all rights 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 and seal this 3rd day of December 2002.


Jeffrey Douglas Carr

ASSIGNMENT

File No.: 13749US03

Serial No.: 10/310,075

Inventor: Jeffrey Douglas Carr

Filing Date: December 4, 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 assigns 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: **SYSTEM AND METHOD FOR SECURELY BUFFERING CONTENT**, bearing docket number 13749US03, and in said applications 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 on improvements conceived of during the undersigned's full time employment with Assignee, 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 assigns to said assignee the priority right provided by the International Convention.

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

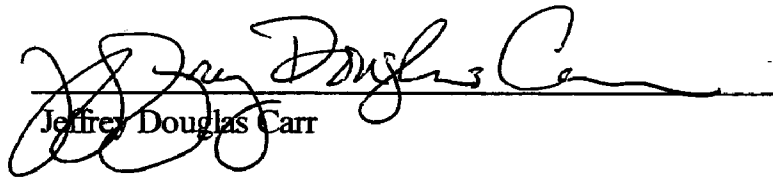
The undersigned hereby authorizes and requests the attorneys of record in said application bearing docket number 13749US03 to insert in this assignment the filing date and serial number of said application when officially known, if applicable.

The undersigned warrants himself to have been, but for the employment agreement executed between the undersigned and Assignee, the owner of the entire right, title and interest in said invention or said improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations, and for the additional consideration of payment for requested work performed at a rate of \$300 per hour (adjusted for cost of living as necessary) and of payment of reasonable out of pocket expenses incurred by the undersigned in connection with such work performed, the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, and at times that the undersigned is available, to execute any and all continuation, continuation-in-part, divisional, extension and substitute applications for said invention or said 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 documents for Letters Patent in foreign countries on said invention or said improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or said improvements in its own name in such countries where such

procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, and for the additional consideration of payment for requested work performed at a rate of \$300 per hour (adjusted for cost of living as necessary) and of payment of reasonable out of pocket expenses incurred by the undersigned in connection with such work performed, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, at times that the undersigned is available, 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 to vest all rights 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 and seal this 3rd day of December 2002.


Jeffrey Douglas Carr