

RECOR

09-15-2003

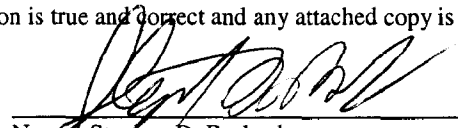


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 Director of the United States Patent and Trademark Office
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Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

1. Name of conveying party(ies): Mark L. Buer and Zheng Qi Additional name(s) of conveying party(ies) attached: NO		2. Name and address of receiving party(ies): Name: BROADCOM CORPORATION Street Address: 16215 Alton Parkway, Irvine, California 92618			
3. Name of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: August 22, 2003 and July 25, 2002		Additional name(s) & address(es) attached? 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: <table border="0"> <tr> <td style="width: 50%;"> A. Patent Application No.(s) <u>10/207,329</u> </td> <td style="width: 50%;"> B. Patent No.(s) </td> </tr> </table> Additional numbers attached? NO				A. Patent Application No.(s) <u>10/207,329</u>	B. Patent No.(s)
A. Patent Application No.(s) <u>10/207,329</u>	B. Patent No.(s)				
5. Please return the recorded document and address all correspondence to: CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: Stephen D. Burbach		6. Total number of applications and patents involved 1			
10. <input checked="" type="checkbox"/> Explanatory letter is enclosed.		7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41): \$ 40.00 8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.			
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. Date: September 8, 2003 I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 By  Name: Stephen D. Burbach 626/795-9900					
Total number of pages including cover sheet, attachments, and document: 4					

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 FINANCE SECTION

09/12/2003 LINELLER 00000045 10207329

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40.00 EP

SDB/dlf

DLF PAS524515.1*-09/03 11:13 AM

ASSIGNMENT

WHEREAS, WE, MARK L. BUER and ZHENG QI, residing at Gilbert, Arizona and Milpitas, California, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **SYSTEM AND METHOD FOR GENERATING INITIAL VECTORS**, filed July 29, 2002, Application No. 10/207,329.

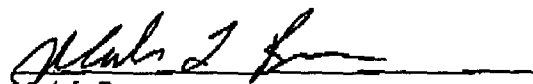
AND WHEREAS BROADCOM CORPORATION, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 22 day of Aug, 20 02.


Mark L. Buer

ASSIGNMENT
Docket No. 48694/SDB/B600

Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, 20____.

Zheng Qi

SDB/dlf

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ASSIGNMENT

Docket No. 48694/SDB/B600

ASSIGNMENT

I, one of the persons named below, hereby state and agree as follows:

I have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **SYSTEM AND METHOD FOR GENERATING INITIAL VECTORS**, executed by me on even date herewith;

AND BROADCOM CORPORATION, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and I hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to ASSIGNEE any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

Date: _____

Date: 7/25/02

Mark L. Buer

Zheng Qi

448066

RECORDED: 09/11/2003

PATENT
REEL: 014472 FRAME: 0474