FORM, PTO-1595



03-16-2001



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Docket No. 36991/DBP/B600

Post Office Box 7068 Pasadena, CA 91109-7068

Box Assignment Commissioner of Patents and Trademarks Washington, D.C. 20231

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

| 1. | Name of conveying party(ies): | 2. | Nan | ne and address of receiving party(ies): |
|---|---|---|-------------------------------|--|
| | Siavash Fallahi | | Nan | ne: Broadcom Corporation |
| | Myles Wakayama Pieter Vorenkamp | | Stre | et Address: |
| | Additional name(s) of conveying party(ies) attached: No | | | 15 Alton Parkway ine, California 92618-3616 |
| 3. | Name of conveyance: | | | |
| | Assignment | | | |
| Exe | ecution Date: January 24, 2001 | | Ado | litional 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: . | | | |
| | A. Patent Application No.(s) 09/736,612 | 1 | B. | Patent No.(s) |
| | | | | |
| Additional numbers attached? NO | | | | |
| _ | | ai nui | mber | s attached? NO |
| Э. | Please return the recorded document and address all correspondence to: | 6. | Tot | al number of applications and patents involved |
| | CHRISTIE, PARKER & HALE, LLP | | | |
| | P.O. Box 7068 Pasadena, CA 91109-7068 | 7. | X | Total fee enclosed (37 CFR 3.41): \$ 40.00 |
| Attention: D. Bruce Prout | | 8. | X | 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 |
| 10 | ■ Explanatory letter is enclosed. | | | 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 original document. | | | | tion is true and correct and any attached copy is a true copy of the |
| | | | Jame: Raymond R. Tabandeh 40E | |
| | I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENT. WASHINGTON, D.C. 20231 ON | | | |
| | DATE' SIGNATURE | Total number of pages including cover sheet, attachments, and document: | | |

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PATENT REEL: 011582 FRAME: 0001

ASSIGNMENT

WHEREAS, WE, Siavash Fallahi, Myles Wakayama, and Pieter Vorenkamp, residing at Aliso Viejo, California; Laguna Niguel, California; and Aliso Viejo, California, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled FREQUENCY DIVISION/MULTIPLICATION WITH JITTER MINIMIZATION, filed December 14, 2000, Application No. 09/736,612;

AND WHEREAS BROADCOM CORPORATION, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618-3616 (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 the day of the set of the s

Siavash Fallah

IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of January, 20 C/.

Myles Wakayama

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-2-

PATENT

REEL: 011582 FRAME: 0003