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04-01-2003 Form P102-169900 A (Rev. 03/01) RECORDATION FORM COVEF PATENTS ONLY OMB No. 0651-0027 (exp. 5/31/2002) 102406095 To the Honorable Commissioner of Patents and Trademarks. Please record the attached origin. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 1) Pieter Vorenkamp Name: Broadcom Corporation 2) Klaas Bult 3) Frank Carr Internal Address: Additional name(s) of conveying party(ies) attached? □ yes 🛮 no Street Address: 16215 Alton Parkway 3. Nature of Conveyance: ■ Assignment □ Merger City: Irvine State: CA Zip Code: 92618-3616 □ Security Agreement ☐ Change of Name □ Other Country: USA Execution Date: 1) February 4, 2000, 2) February 7, 2000 Additional name(s) & address(es) attached? □ yes

no and 3) February 16, 2000 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). 09/771,525 Additional numbers attached? □ ves 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. 7. Total fee (37 C.F.R. § 3.41)......\$ 40.00 Internal Address: c/o Jeffrey T. Helvey □ Enclosed A Charge: PTO-2038 Credit Card Form Enclosed Authorized to be charged to Deposit Account Street Address: 1100 New York Ave., N.W. 8. Deposit Account Number: City: Washington State: D.C. Zip Code: 20005-3934 19-0036 (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. Jeffrey T. Helvey Name of Person Signing Registration No. 44,757 03/28/2003 EEKUBAY1 00000009 09771525 Total number of pages including cover sheet, attachments and document 40.00 0P Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

> **PATENT** REEL: 013891 FRAME: 0934

ASSIGNMENT

WHEREAS, WE, PIETER VORENKAMP, KLAAS BULT, and FRANK CARR, residing at

5 Timberland, Aliso Viejo, California 92656; Mesdaglaan 1C, 3735 LK Bosch en Duin, The Netherlands; and 77 Bell Canyon Drive, Dove Canyon, California 92679;

respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled SYSTEM AND METHOD FOR ON-CHIP FILTER TUNING, filed November 12, 1999, Application No. 09/438,234.

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.

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		Pieter Vorenkamp
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