

06-05-2001



101738045

Department of Commerce  
Patents & Trademark Office

Priority Docket No. 108339-00041  
Effective Date: May 22, 2001

11036 U.S. PTO  
09/06/01  
101738045

To the Assistant Commissioner of Patents  
Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

Jun CAO  
Brandon SMITH  
Eric NG

05/22/01

Additional name(s) of conveying party(ies) attached?

Yes  No

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

Name: Broadcom Corporation

Address: 16215 Alton Parkway  
Irvine, California 92618-3616

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

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

Execution Date: \_\_\_\_\_

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: May 21, 2001 \_\_\_\_\_

A. Patent Application No.(s)

09/861745

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Arent Fox Kintner Plotkin & Kahn PLLC  
Street Address: 1050 Connecticut Avenue, N.W., Suite 600  
Washington, D.C. 20036-5339

6. Total number of applications and patents involved:  
One

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

- Included in attached check.
- Any additional fees are authorized to be charged to deposit account

The PTO did not receive the following listed item(s) check \$ 40.00

8. Deposit account number: 01-2300  
(Attach duplicate copy of this page if paying by deposit account)

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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.

Kevin F. Turner

Name of Person Signing  
Reg. No. 43,437

Signature

May 21, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

ARENT FOX KINTNER PLOTKIN & KAHN, PLLC

Docket No. 108339-00041

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE'S Name(s) Address(es)]

Broadcom Corporation, 16215 Alton Parkway, Irvine, California 92618 3616

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

METHOD AND APPARATUS FOR PERFORMING A BINARY SEARCH ON AN EXPANDED TREE

[\*If the assignment is being filed after the filing of the application, this section must be completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)


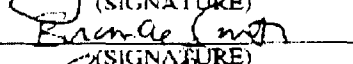
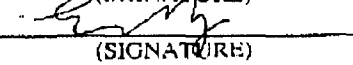
and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

	Jun Cao	5/21/01
(SIGNATURE)	(TYPE NAME)	(DATE)
	Brandon Smith	5/21/01
(SIGNATURE)	(TYPE NAME)	(DATE)
	Eric Ng	5/21/01
(SIGNATURE)	(TYPE NAME)	(DATE)
_____	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT