

07-20-2004



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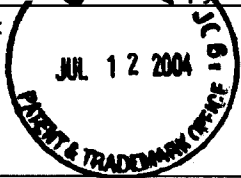
U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. [Text]  
Attorney Customer Number: 22,852

To the Director of the U.S. Patent and Trademark Office  
Please record the attached original.

102794269

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies):  
Sreen A. Raghavan  
Thulasinath G. Manickam  
Peter J. Sallaway  
Gerard E. Taylor



2. Name and address of receiving party(ies):  
Name: Vativ Technologies, Inc.  
7-17-04

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

Internal Address:

3. Nature of conveyance:

Street Address: 9339 Genesee AVenue  
Suite 130

Assignment

Merger

City: San Diego

Security Agreement

Change of Name

State: CA Zip Code: 92121

Other:

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

Execution Date: June 25, 2004 and June 28, 2004

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:

A. Patent Application Number:  
10/773,750

B. Patent Number(s):

Additional numbers attached?  Yes  No

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

6. Total number of applications and registrations involved:  
1

Name: Gary J. Edwards

7. Total fee (37 CFR 3.41): \$40

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Enclosed (Please charge deficiency to deposit account)

Street Address: 1300 I Street, N.W.

Authorized to be charged to deposit account

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

07/19/2004 MGETACHE 00000130 060916 10773750

01 FC:8021 40.00 DA  
Gary J. Edwards

*Gary J. Edwards*  
Signature

July 12, 2004  
Date

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

Express Mail Label No.  
EV 533068962 US

**ASSIGNMENT**

WHEREAS We, the below named inventors, hereinafter referred to as Assignors, have made an invention entitled:

**CHANNEL POWER BALANCING IN A MULTI-CHANNEL TRANSCEIVER SYSTEM**

for which We filed an application for United States Letters Patent on February 6, 2004 (Application No. 10/773,750); and

WHEREAS, **Vativ Technologies, Inc.**, a corporation of Delaware whose post office address is 4350 Executive Drive, Suite 200, San Diego, CA 92121 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over into the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, Application No. 10/773,750, filed February 26, 2004, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

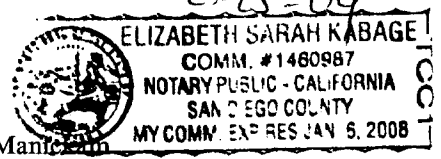
AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of San Diego )  
 )  
 )  
State of California )

Name: Sreen A. Raghavan  
Address: 8360 Prestwick Drive  
La Jolla, CA 92038  
By: [Signature]  
Date: 6-25-04

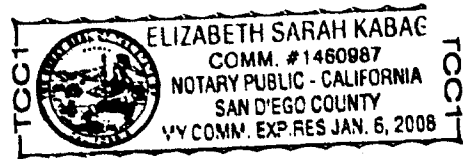
Subscribed and sworn to before me this 25<sup>th</sup> day of June, 2004  
[Signature], Notary Public



County of San Diego )  
 )  
 )  
State of California )

Name: Thulasinath G. Manickam  
Address: 10660 Bernabe Drive  
San Diego, CA 92129  
By: [Signature]  
Date: 6-25-04

Subscribed and sworn to before me this 25<sup>th</sup> day of June, 2004  
[Signature], Notary Public

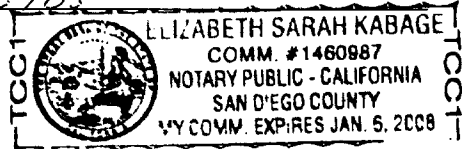


County of San Diego )  
 )  
 )  
State of California )

ss.

Name: Peter J. Sallaway  
Address: 8178 Avenida Navidad, #23  
San Diego, CA 92122  
By: [Signature]  
Date: 6/25/05

Subscribed and sworn to before me this 25<sup>th</sup> day of June, 2004  
[Signature], Notary Public



County of San Diego )  
 )  
 )  
State of California )

ss.

Name: Gerard E. Taylor  
Address: 2 Salts Spray Drive  
Laguna Nigel, CA 92677  
By: [Signature]  
Date: 6/28/04

Subscribed and sworn to before me this 28<sup>th</sup> day of June, 2004  
[Signature], Notary Public

