

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Michael (nmi) Kazban</td><td>03/01/2001</td></tr><tr><td>Mitri (nmi) Halabi</td><td>02/28/2001</td></tr><tr><td>Ken (nmi) Koenig</td><td>03/01/2001</td></tr><tr><td>Vinai (nmi) Sirkay</td><td>03/01/2001</td></tr></tbody></table>	Name	Execution Date	Michael (nmi) Kazban	03/01/2001	Mitri (nmi) Halabi	02/28/2001	Ken (nmi) Koenig	03/01/2001	Vinai (nmi) Sirkay	03/01/2001	
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Ken (nmi) Koenig	03/01/2001										
Vinai (nmi) Sirkay	03/01/2001										
RECEIVING PARTY DATA											
Name:	Vivace Networks, Inc.										
Street Address:	2730 Orchard Parkway										
City:	San Jose										
State/Country:	CALIFORNIA										
Postal Code:	95134										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11019012</td></tr></tbody></table>	Property Type	Number	Application Number:	11019012							
Property Type	Number										
Application Number:	11019012										
CORRESPONDENCE DATA											
Fax Number:	(214)661-4559										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	214.953.6507										
Email:	glenda.orrantia@bakerbotts.com										
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Address Line 1:	2001 Ross Avenue, 6th Floor										
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NAME OF SUBMITTER:	Charles S. Fish										
Total Attachments: 2 source=0691160186#page1.tif source=0691160186#page2.tif											

CH \$40.00 11019012

PATENT

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REEL: 016104 FRAME: 0966

ASSIGNMENT

WHEREAS WE, MICHAEL KAZBAN of Milpitas, California, MITRI HALABI of San Jose, California, KEN KOENIG of Saratoga, California, and VINAI SIRKAY, of Los Gatos, California, all citizens of the United States, have invented certain new and useful improvements in an invention entitled *Apparatus and Methods for Establishing Virtual Private Networks in a Broadband Network*, and having executed an application for United States patent disclosing and identifying the invention which is filed herewith and may be identified by Attorney Docket No.: 10386-006-999; and

Whereas, **VIVACE NETWORKS, INC.**, a corporation of the State of **Delaware**, and having its principal place of business at **2730 Orchard Parkway, San Jose, California 95134**, (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefore;

Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold assigned, and set over and by these presents do hereby sell, assign, and set over unto said assignee and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

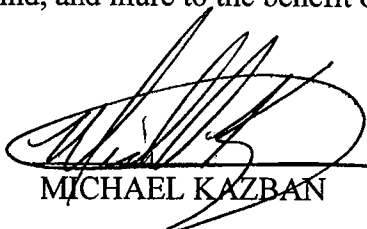
We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of my said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

Date:

3/1/01

By:


MICHAEL KAZBAN

PATENT

REEL: 016104 FRAME: 0967

Assignment - Page Two
10386-006-999

Date: 2/28/01

By: 
MITRI HALABI

Date: 3/01/01

By: 
KEN KOENIG

Date: 3/01/2001

By: 
VINAI SIRKAY