

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Vinu Sundaresan	08/12/1999
Mike Miscevic	08/12/1999
Johan Casier	08/12/1999

RECEIVING PARTY DATA

Name:	Covad Communications Company
Street Address:	110 Rio Robles
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134-1813

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7058716

CORRESPONDENCE DATA

Fax Number: (650)938-5200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Rajiv P. Patel

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Address Line 4: Mountain View, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:

22836-11978

NAME OF SUBMITTER:

Rajiv P. Patel

Total Attachments: 2

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PATENT

REEL: 019019 FRAME: 0239

500240355

CH 7058716 \$40.00

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned: **Vinu Sundaresan, Mike Miscevic and Johan Casier** hereby sell(s) and assign(s) to **Covad Communications Group, Inc.** (the Assignee) his/her entire right, title and interest

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),
☒ and throughout the world,

in the invention(s) known as, **Provisioning Virtual Circuits for High Bandwidth Connections**, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on August 12, 1999 (also known as United States Application No. 09/347,057, filed July 2, 1999), in any and all applications thereon, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations of such applications or Letters Patent(s) and divisionals and the continuing applications thereof to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee to the same extent as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

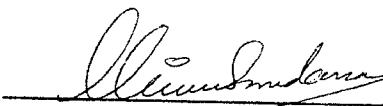
The undersigned agree(s) to execute all papers necessary in connection with any interference that may be declared concerning the application(s) or any continuing, divisional, reissue or reexamination application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Narendra Reddy Thappeta, Esq., Registration Number 41,416, power to insert in this assignment any further identification 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.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

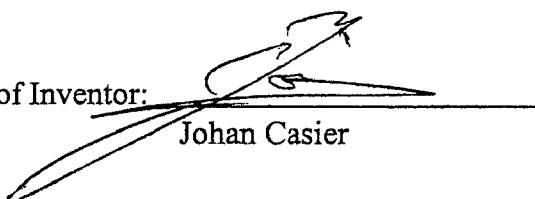
Date: August 12, 1999

Signature of Inventor: 
Vinu Sundaresan

Date: August 12, 1999

Signature of Inventor: 
Mike Miscevic

Date: August 12, 1999

Signature of Inventor: 
Johan Casier

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