

09-18-1998

Form PTO-1595



U.S. Department of Commerce
Patent and Trademark Office

100834396

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Rawson Richard A.
Reilly John C.
Ramachandran Rangaswamy
Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies):
Name: Covad Communications Group, Inc.
Street Address: 3560 Bassett Street
City: Santa Clara State: CA Zip Code: 95054

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date(s): June 10, 1998

Country: U.S.A.
Additional name(s) & address(es) attached? 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 is June 10, 1998
A. Patent Application No(s). 09/098,020
B. Patent No(s).

Additional numbers attached? yes no

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Law Firm of Naren Thappeta
Address: Law Firm of Naren Thappeta
39899 Balentine Drive, #119
Newark, California 94560
(510) 252-9980 (Phone)

6. Total number of applications and patents involved 1
7. Total fee (37 C.F.R. § 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to Deposit Account
8. Deposit Account Number: 20-0674
Attorney Docket No. CVAD-0001

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.
Narendra Reddy Thappeta Naren Thappeta September 11, 1998
Name of Person Signing Signature Date
Registration Number 41,416 Total number of pages including cover sheet, attachments and document 2

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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Form PTO-1595

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U.S. Department of Commerce
Patent and Trademark Office



100746856

To the Honorable Commissioner of Patents and Trade...

y thereof.

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Rawson et al

MRD
9-15-98

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A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? yes no

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

Name: Law Firm of Naren Thappeta
Address: Law Firm of Naren Thappeta
32724 Goshen Street
Union City, CA 94587
(510) 477-0444 (Phone)

6. Total number of applications and patents involved

1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

- Enclosed
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Narendra Reddy Thappeta

Name of Person Signing

Registration Number 41,416

Naren Thappeta
Signature

June 15, 1998

Date

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

6/24/1998 SMITH 00000077 200674 09098020 documents to be recorded with required cover sheet information to:

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Washington, D.C. 20231

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06/15/98

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned: **Richard Alvan Rawson, John Charles Reilly, and Rangaswamy Ramachandran**, the undersigned hereby sell(s) and assign(s) to **Covad Communications Group** (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 **A System, Method, and Network for Providing High Speed Remote Access From Any location Connected by a Local Loop to a Central Office**, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on June 10, 1998 (also known as United States Application No. _____, filed _____), 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: June 10, 1998 Signature of Inventor: Richard Alvan Rawson
Richard Alvan Rawson

Date: June 10, 1998 Signature of Inventor: John Charles Reilly
John Charles Reilly

Date: June 10, 1998 Signature of Inventor: Rangaswamy Ramachandran
Rangaswamy Ramachandran

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