ASSIGNMENT RECORDATION COVER SHEET -PATENTS ONLY-

| To: | Honorable Commissioner of Patents and Trademarks: | | | | | | |
|------------|--|--|--|--|--|--|--|
| | Please record the attached original document(s) or copy thereof. | | | | | | |
| 1. | Name of conveying party(ies) a) Yasantha N. Rajakarunanayake b) Gregory F. Wetzel | | | | | | |
| 2. | Name and address of receiving party(ies): a) Name: Covad Communications Group, Inc. b) Address: 2330 Central Expressway Santa Clara, CA 95110 | | | | | | |
| 3. | Nature of conveyance Assignment | | | | | | |
| 4. | Application Number(s) or Patent Number(s): 09/535,047 | | | | | | |
| | The title of the (new) application is: | | | | | | |
| | SYSTEM AND METHOD FOR PROVIDING BROADBAND CONTENT TO HIGH-SPEED ACCESS SUBSCRIBERS | | | | | | |
| 5. | Please send all correspondence concerning this (these) documents to: | | | | | | |
| | Customer No. 23689 Jung-hua Kuo Attorney at Law P.O. Box 3275 Los Altos, CA 94024 Phone: (650) 988-8070 Fax; (650) 903-8090 | | | | | | |
| 6. | Total number of applications and patents involved: 1 | | | | | | |
| 7. | Total fee (37 CFR 3.41): \$40.00 | | | | | | |
| | Enclosed Please charge \$40 to Deposit Account No. 50-1217 (Order No. COVDP004). Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-1217 (Order No. COVDP004), | | | | | | |
| 8. is a | To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy true copy of the original document. | | | | | | |
| Dat | e: June 21, 2000 Jung-in Kuo Registration No. 41,918 | | | | | | |

Attorney Docket No. COVDP004

PATENT REEL: 010718 FRAME: 0790

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

SYSTEM AND METHOD FOR PROVIDING BROADBAND CONTENT TO HIGH-SPEED ACCESS SUBSCRIBERS

(Atty. Docket No.: COVDP004) for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on March 24, 2000 and which bears the Application No. 09/535,047.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- Sell(s), assign(s) and transfer(s) to COVAD COMMUNICATIONS GROUP, INC., a Delaware corporation having a place of business at 2330 Central Expressway, Santa Clara, CA 95050, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.

| | Warrant and represen | | | enter into any | assignment. |
|---------|------------------------|----------------------|-----------------------------|----------------|-------------|
| contrac | t, or understanding th | at conflicts with th | is assignm e nt. | | |

1) Signature: Typed Name: Yaşanıka N. Rajakarunanayake

2) Signature: Typed Name: Grégory F. Wetzel

Date: June 19, 2000

Date: June 19, 2000

Atty Docket No.: COVDP004

RECORDED: 06/21/2000

PATENT_

REEL: 010718 FRAME: 0791