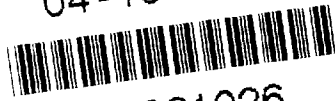


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Sheet 1 of 2

FORM PTO 1595
1-31-92



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EVENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name and Address of Conveying Party(ies) INDIVIDUAL:

Kumar Vijay Peddanarappagari
1609 Falmouth Drive
Plano (Collin), Texas 75025-3462

Individual Citizenship: India

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

04/12/02

2. Name and Address of receiving Party(ies):

Name: Fujitsu Network Communications, Inc.

Internal Address:

Street Address: 2801 Telecom Parkway

City: Richardson

State: Texas Zip: 75082

Additional name(s) & Address(es) attached? Yes No

JP978 U.S. PTO
10/121182
04/12/02

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: April 8, 2002

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: April 8, 2002

A. Patent Application No.(s):

B. Patent No.(s):

Additional Numbers Yes No

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

Name: Barton E. Showalter
Internal Address: BAKER BOTTS L.L.P.
Street Address: 2001 Ross Avenue, Suite 600
City: Dallas
State: Texas Zip: 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

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 Authorized to be charged to deposit account

8. Deposit Account Number:

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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.

Kurt M. Pankratz

Signature

12 Apr 2002

Date

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FORM PTO-1595
ATTACHMENT

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Jamil Omar-Hatem El-Reedy
205 Benton Drive, #1103
Allen (Collin), Texas 75013-8582
Citizenship: United States of America

Emir (nmi) Catovic
2424 Mesa Oak Trail
Plano, TX 75025-4718
Citizenship: Canada

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Fujitsu Network Communications, Inc. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 2801 Telecom Parkway, Richardson, Texas 75082, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;


NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

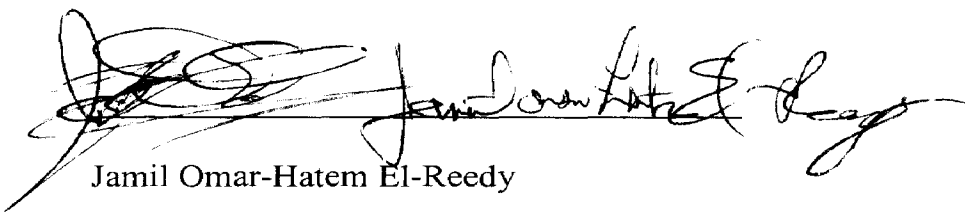
Title of Invention: **POWER LEVEL MANAGEMENT IN OPTICAL NETWORKS**

Signature of Inventor: 
Inventor's Name: Kumar Vijay Peddanarappagari

Residence (City, County, State) Plano (Collin), Texas

Date Assignment executed: 09/08/2002

Date Application executed: 09/08/2002

Signature of Inventor: 
Inventor's Name: Jamil Omar-Hatem El-Reedy

Residence (City, County, State) Allen (Collin), Texas

Date Assignment executed: 4/08/02

Date Application executed: 4/08/02

Signature of Inventor: Emir Catovic

Inventor's Name: Emir (nmi) Catovic

Residence (City, County, State) Plano (Collin), Texas

Date Assignment executed: 04.08.02.

Date Application executed: 04.08.02.