

PATENT ASSIGNMENT

Electronic Version v1.1

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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>T. Benjamin Mack-Crane</td><td>04/07/2003</td></tr><tr><td>Jonathan B. Sadler</td><td>04/07/2003</td></tr><tr><td>Susan W. Teller</td><td>04/07/2003</td></tr></tbody></table>	Name	Execution Date	T. Benjamin Mack-Crane	04/07/2003	Jonathan B. Sadler	04/07/2003	Susan W. Teller	04/07/2003	
Name	Execution Date								
T. Benjamin Mack-Crane	04/07/2003								
Jonathan B. Sadler	04/07/2003								
Susan W. Teller	04/07/2003								
RECEIVING PARTY DATA									
Name:	Tellabs Operations, Inc.								
Street Address:	1415 W. Diehl Road								
City:	Naperville								
State/Country:	ILLINOIS								
Postal Code:	60563								
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>11945135</td></tr></tbody></table>	Property Type	Number	Application Number:	11945135					
Property Type	Number								
Application Number:	11945135								
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: judy.baggett@bakerbotts.com									
Correspondent Name: BAKER BOTTS L.L.P.									
Address Line 1: 2001 ROSS AVENUE									
Address Line 2: 6TH FLOOR									
Address Line 4: DALLAS, TEXAS 75201									
ATTORNEY DOCKET NUMBER:	069116.0365								
NAME OF SUBMITTER:	Judy Baggett								
Total Attachments: 4 source=365assign#page1.tif									

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PATENT
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ASSIGNMENT

WHEREAS, I, 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, Tellabs Operations, Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 1415 W. Diehl Road, Naperville, IL 60563, 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 good and valuable consideration, 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.

ATTORNEY DOCKET NO.
069116.0137

PATENT APPLICATION

2

Title of Invention: METHOD AND SYSTEM FOR MULTI-LAYER NETWORK
ROUTING

Signature of Inventor:


T. Benjamin Mack-Crane

Residence (City, County, State)

5616 Elinor Avenue
Downers Grove, DuPage County
Illinois 60516

Date:

4/7/03

Date Application Executed:

4/7/03

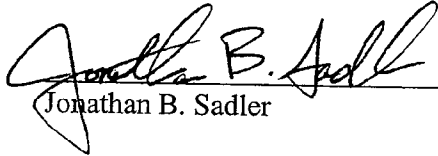
ATTORNEY DOCKET NO.
069116.0137

PATENT APPLICATION

3

Title of Invention: METHOD AND SYSTEM FOR MULTI-LAYER NETWORK
ROUTING

Signature of Inventor:


Jonathan B. Sadler

Residence (City, County, State)

44 Waxwing Avenue
Naperville, Dupage County
Illinois 60565

Date:

7 APRIL 2003

Date Application Executed:

7 APRIL 2003

ATTORNEY DOCKET NO.
069116.0137

PATENT APPLICATION

4

Title of Invention: METHOD AND SYSTEM FOR MULTI-LAYER NETWORK
ROUTING

Signature of Inventor:

Susan W. Teller

Susan W. Teller

Residence (City, County, State)

1600 Mayapple Court
Naperville, Will County
Illinois 60565

Date:

7 April 2003

Date Application Executed:

7 April 2003