

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>Naveen K. Jain</td><td>01/05/2009</td></tr><tr><td>Venkata Rangavajjhala</td><td>01/22/2009</td></tr></tbody></table>		Name	Execution Date	Naveen K. Jain	01/05/2009	Venkata Rangavajjhala	01/22/2009
Name	Execution Date						
Naveen K. Jain	01/05/2009						
Venkata Rangavajjhala	01/22/2009						
RECEIVING PARTY DATA							
Name:	Tellabs San Jose, Inc.						
Street Address:	1415 West 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>12358865</td></tr></tbody></table>		Property Type	Number	Application Number:	12358865		
Property Type	Number						
Application Number:	12358865						
CORRESPONDENCE DATA							
Fax Number: (408)280-1806 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone: (408) 280-1800							
Email: jimwu@jwlawgroup.com							
Correspondent Name: James M. Wu, JW Law Group							
Address Line 1: 84 W. Santa Clara Street							
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Address Line 4: San Jose, CALIFORNIA 95113							
ATTORNEY DOCKET NUMBER:	PB 08 0005 (1057.P0018US)						
NAME OF SUBMITTER:	James M. Wu						
Total Attachments: 4 source=Recordation_Cov_Sheet#page1.tif source=Assignment#page1.tif							

OP \$40.00 12358865

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PATENT
REEL: 022149 FRAME: 0349

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Naveen K. Jain
Venkata Rangavajhala

Execution Date(s) 1/5/09; 1/22/09

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Tellabs San Jose, Inc.

Internal Address: _____

Street Address: 1415 West Diehl Road

City: Naperville

State: IL

Country: USA Zip: 60563

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/358,865

Additional numbers attached? ☐ Yes ☒ No

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

Name: James M. Wu

Internal Address: JW Law Group

Street Address: 84 W. Santa Clara Street, Suite 820

City: San Jose

State: CA Zip: 95113

Phone Number: 408.280.1800

Fax Number: 408.280.1806

Email Address: jmwu@jwlawgroup.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1931
Expiration Date 03/11

b. Deposit Account Number _____

Authorized User Name _____

9. Signature :

January 23, 2009


Signature

Date

James M. Wu, Reg. No. 45,241

Total number of pages including cover sheet, attachments, and documents

4

Name of Person Signing

ASSIGNMENT

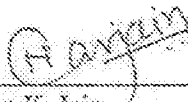
WHEREAS, We, Naveen K. Jain, a citizen of India, residing at 310 Elan Village Lane, San Jose, California 95134, USA, Venkata Rangavajjhala, a citizen of the United States, residing at 146 Celada Court, Fremont, California 94539, USA, have invented a "Method and Apparatus for a Graceful Flow Control Mechanism in a TDM-Based Packet Processing Architecture" for which I have executed application papers for a U.S. patent thereon; and

WHEREAS, Tellabs San Jose, Inc., a Delaware Corporation, having a place of business located at 1415 West Diehl Road, Naperville, IL 60563, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

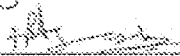
NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Naveen K. Jain, Venkata Rangavajjhala, do sell, assign, transfer and set over unto the said Tellabs San Jose, Inc. its successors and assigns the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefore, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Tellabs San Jose, Inc., its successors and assigns, in accordance with this Assignment.

Re: U.S. Patent Application entitled: Method and Apparatus for a Graceful Flow Control Mechanism in a TDM-Based Packet Processing Architecture

Inventor: Naveen K. Jain

1) Signature:  Date: 1/5/2009
Naveen K. Jain

Witness:  Date: 1/5/2009
Arghajit Basu

Witness:  Date: 1/5/2009
Harshad Agashe

Inventor: Venkata Rangavajjhala

2) Signature: _____ Date: _____
Venkata Rangavajjhala

Witness: _____ Date: _____

Witness: _____ Date: _____

Re: U.S. Patent Application entitled: **Method and Apparatus for a Graceful Flow Control Mechanism in a TDM-Based Packet Processing Architecture**

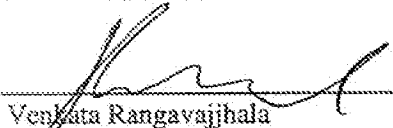
Inventor: **Naveen K. Jain**

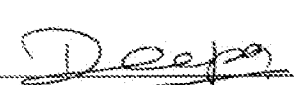
1) Signature: _____ Date: _____
Naveen K. Jain

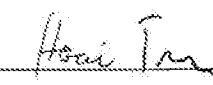
Witness: _____ Date: _____

Witness: _____ Date: _____

Inventor: **Venkata Rangavajjhala**

2) Signature:  _____ Date: 1/22/09
Venkata Rangavajjhala

Witness:  _____ Date: 1/22/09

Witness:  _____ Date: 1/22/09