

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Vishal Sharma	04/05/2001
Charles E. Rohrs	08/14/2001
Steven Dunstan	04/23/2001
Timothy Y. Chow	04/04/2001
Joseph Cerra	10/05/2001
RECEIVING PARTY DATA	
Name:	Tellabs Operations, Inc.
Street Address:	1415 West Diehl Road
City:	Naperville
State/Country:	ILLINOIS
Postal Code:	60563
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11549822
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Address Line 4:	Dallas, TEXAS 75201
ATTORNEY DOCKET NUMBER:	069116.0332
NAME OF SUBMITTER:	Judy Baggett

CH \$40.00 11549822

Total Attachments: 6

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ASSIGNMENT

Case No.: 04910087059

Serial No.:

Inventors: Vishal Sharma; Timothy Y. Chow; Charles E. Rohrs; Steven Dunstan; Joseph Cerra

Date of Execution

of Application:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Tellabs Operations, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Method and Apparatus to Switch Data Flows Using Parallel Switch Fabrics

and identified as:

Case No. 04910087059

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

PATENT

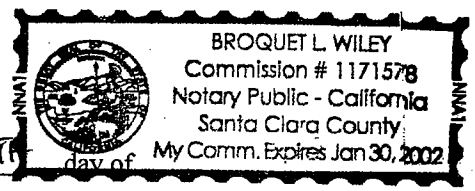
REEL: 018395 FRAME: 0804

WITNESS my hand and seal this 5th day of April, 2001.

[Signature]
Vishal Sharma

State of CALIFORNIA

County of SANTA CLARA



The foregoing instrument was acknowledged before me this 5th day of

APRIL, 2001 by [Signature]

BROQUET L. WILEY
NOTARY PUBLIC

WITNESS my hand and seal this 4th day of April, 2001.

Timothy Y. Chow
Timothy Y. Chow

State of Massachusetts

County of Middlesex

The foregoing instrument was acknowledged before me this 4th day of April
2001, by Timothy Y. Chow

Lawrence M. Crasnick
NOTARY PUBLIC

LAWRENCE M. CRASNICK
Notary Public, Massachusetts
My Commission Expires August 10, 2001

WITNESS my hand and seal this 14 day of August, 2001.

Charles E. Rohrs
Charles E. Rohrs

State of Massachusetts

County of Middlesex

The foregoing instrument was acknowledged before me this 14th day of
August, 2001 by Margaret Anne Udden

NOTARY PUBLIC

Margaret Anne Udden
NOTARY PUBLIC
My commission expires April 4, 2008

WITNESS my hand and seal this 23 day of April, 2001

Steven R. Dunstan
Steven Dunstan

State of Massachusetts

County of Middlesex

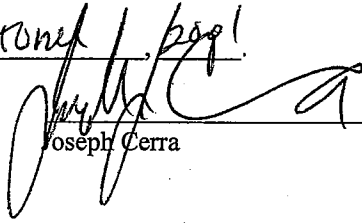
The foregoing instrument was acknowledged before me this 23rd day of

April, 2001 by Alice P. Barber

Alice P. Barber
NOTARY PUBLIC

*my commission
expired 3/10/06*

WITNESS my hand and seal this 5 day of October, 2006



Joseph Cerra

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of

_____, _____ by _____

NOTARY PUBLIC