

06-12-2003

ASSIGNMEN



SHEET

102470347

17522 U.S. PTO
10/455049
06/05/03

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying parties:

- a) Brian L. Yarger
b) Satish K. Jena
c) Terrence J. Tanis
d) Robert Torstensson

6-5-03

2. Name and address of receiving parties:

- a) Name: Tellabs Operations, Inc.
b) Address: One Tellabs Center, 1415 West Diehl Road, Naperville, IL 60563

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: May 27, 2003; June 2, 3, 4, 2003

4. Application Number or Patent Number: Not yet assigned

10455049

The title of the (new) application is:

**AUTONOMOUS DATA PATH VERIFICATION IN MULTI-MODULE SHELF
CONFIGURATION**

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
Telephone: (650) 988-8070
Facsimile: (650) 988-8090**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Please charge \$40.00 assignment recordation fee to Deposit Account No. 50-1217 (Order No. TELLP005).
☒ Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-1217 (Order No. TELLP005).

8. 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.

Date: June 5, 2003

Jung-hua Kuo
Reg. No. 41,918

06/11/2003 TDIAZ1 00000166 501217 10455049
01 FC:8021 40.00 CH

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

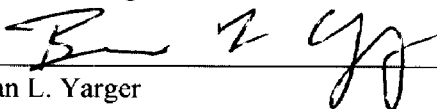
Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

AUTONOMOUS DATA PATH VERIFICATION IN MULTI-MODULE SHELF CONFIGURATION

(Atty. Docket No.: **TELLP005**) for which I (we) have executed an application for a United States Letters Patent.

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

- 1) Sell(s), assign(s) and transfer(s) to Tellabs Operations, Inc., a Delaware corporation having a place of business at One Tellabs Center
1415 West Diehl Road, Naperville, IL 60563, (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.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1)	Signature: 	Date: <u>5/27/2003</u>
	Typed Name: Brian L. Yarger	
2)	Signature: _____	Date: _____
	Typed Name: Satish Jena	
3)	Signature: _____	Date: _____
	Typed Name: Terry J. Tanis	
4)	Signature: _____	Date: _____
	Typed Name: Robert Torstensson	

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:

AUTONOMOUS DATA PATH VERIFICATION IN MULTI-MODULE SHELF CONFIGURATION

(Atty. Docket No.: TELLP005) for which I (we) have executed an application for a United States Letters Patent.

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

- 1) Sell(s), assign(s) and transfer(s) to Tellabs Operations, Inc., a Delaware corporation having a place of business at One Tellabs Center, 1415 West Diehl Road, Naperville, IL 60563, (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.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1)	Signature: _____	Date: _____
	Typed Name: Brian L. Yarger	
2)	Signature: <u>Satish K. Jena</u>	Date: <u>6-04-03</u>
	Typed Name: Satish K. Jena	
3)	Signature: _____	Date: _____
	Typed Name: Terrence J. Tanis	
4)	Signature: _____	Date: _____
	Typed Name: Robert Torstensson	

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:

AUTONOMOUS DATA PATH VERIFICATION IN MULTI-MODULE SHELF CONFIGURATION

(Atty. Docket No.: TELL005) for which I (we) have executed an application for a United States Letters Patent.

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

- 1) Sell(s), assign(s) and transfer(s) to Tellabs Operations, Inc., a Delaware corporation having a place of business at One Tellabs Center
1415 West Diehl Road, Naperville, IL 60563, (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.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

- | | | |
|----|---|----------------|
| 1) | Signature: _____
Typed Name: Brian L. Yarger | Date: _____ |
| 2) | Signature: _____
Typed Name: Satish Jena | Date: _____ |
| 3) | Signature: 
Typed Name: Terrence J. Tanis | Date: 06/03/03 |
| 4) | Signature: _____
Typed Name: Robert Torstensson | Date: _____ |

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:

AUTONOMOUS DATA PATH VERIFICATION IN MULTI-MODULE SHELF CONFIGURATION

(Atty. Docket No.: TELLP005) for which I (we) have executed an application for a United States Letters Patent.

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

- 1) Sell(s), assign(s) and transfer(s) to Tellabs Operations, Inc., a Delaware corporation having a place of business at One Tellabs Center
1415 West Diehl Road, Naperville, IL 60563, (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.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1)	Signature: _____ Typed Name: Brian L. Yarger	Date: _____
2)	Signature: _____ Typed Name: Satish Jena	Date: _____
3)	Signature: _____ Typed Name: Terry J. Tanis	Date: _____
4)	Signature:  _____ Typed Name: Robert Torstensson	Date: 6/2/03