

01-19-2001

Substitute Form PTO-1595
Attorney Docket No.: 06269-020001

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Kent D. Benson, Robert B. Magill, Terry J. Hrabik and John B. Kenney Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): TELLABS OPERATIONS, INC. 4951 Indiana Avenue, MS-16 Lisle, IL 60532 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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: Execution Date: December 20, 2000	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/662,194 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: GILBERT H. HENNESSEY Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i>	
Paul A. Pysher Reg. No. 40,780 Name of Person Signing	 Signature December 27, 2000 Date
Total number of pages including coversheet, attachments and document: 4	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

December 27, 2000
Date of Deposit

Signature

Denise M. Bronsdon
Typed Name of Person Signing Certificate

PATENT
REEL: 011432 FRAME: 0077

ASSIGNMENT

For valuable consideration, We, Kent D. Benson of Granger, IN, Robert B. Magill of Mishikawa, IN, Terry J. Hrabik of South Bend, IN, and John B. Kenney of Granger, IN hereby assign to Tellabs Operations, Inc., a Delaware corporation having a place of business at: 4951 Indiana Avenue, Lisle, IL 60532-1698 and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled ALLOCATING NETWORK BANDWIDTH, filed September 14, 2000 and assigned U.S. Patent Application No. 09/662,194; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Mishawaka,
 this 20th day of December, 2000
Kent D. Benson L.S.
 Kent D. Benson

State of INDIANA :
 : ss.
 County of ST. JOSEPH :

Before me this 20th day of December, 2000, personally appeared Kent D. Benson known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Marilynn K. Anson
 Notary Public
 My Commission Expires: **MARILYNN K ANSON
 NOTARY PUBLIC STATE OF INDIANA
 ELKHART COUNTY
 MY COMMISSION EXP. NOV. 28, 2007**

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Mishawaka,
 this 20th day of December, 2000
Robert B. Magill L.S.
 Robert B. Magill

State of Indiana :
 : ss.
 County of St. Joseph :

Before me this 20th day of December, 2000, personally appeared Robert B. Magill known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Marilynn K. Anson
 Notary Public
 My Commission Expires: **MARILYNN K ANSON
 NOTARY PUBLIC STATE OF INDIANA
 ELKHART COUNTY
 MY COMMISSION EXP. NOV. 28, 2007**

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Mishawaka,
this 20th day of December, 2000
Terry J. Hrabik L.S.
Terry J. Hrabik

State of INDIANA :
: SS.
County of ST. JOSEPH :

Before me this 20th day of December, 2000, personally appeared Terry J. Hrabik known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Marilynn K. Anson
Notary Public

My Commission Expires:

MARILYNN K ANSON
NOTARY PUBLIC STATE OF INDIANA
ELKHART COUNTY
MY COMMISSION EXP. NOV. 28, 2007

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Mishawaka,
this 20th day of December, 2000
John B. Kenney L.S.
John B. Kenney

State of Indiana :
: SS.
County of St. Joseph :

Before me this 20th day of December, 2000, personally appeared John B. Kenney known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Marilynn K. Anson
Notary Public

My Commission Expires:

MARILYNN K ANSON
NOTARY PUBLIC STATE OF INDIANA
ELKHART COUNTY
MY COMMISSION EXP. NOV. 28, 2007

[Notary's Seal Here]