



FORM PTO 1595
1-31-924/1/02
04-10-2002U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of				shed original documents or copy thereof. Address of receiving Party(ies):	
1. Name and Address of Conveying Party(ies)		102049946 General Bandwidth Inc.		Internal Address: Street Address: 12303-B Technology Blvd. City: Austin State: Texas Zip: 78727-6104	
Cuong T. Nguyen, 3004 Persimmon Valley Trail, Travis County, Austin, Texas 78732 Individual Citizenship: United States of America Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Execution Date: 3/28/2002		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:		<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other		<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 3/28/2002.					
A. Patent Application No.(s): 10/114581		B. Patent No.(s): Additional Numbers <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed to:		6. Total number of application and patents involved: One			
Name: Barton E. Showalter Internal Address: BAKER BOTTS L.L.P. Street Address: 2001 Ross Avenue City: Dallas State: Texas Zip: 75201-2980		7. Total Fee (37C.F.R. 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account			
		8. Deposit Account Number: (Attach Duplicate Copy of this page if paying by deposit account)			
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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>					
Charles S. Fish Reg. No. 35,870		 Signature		April 1, 2002 Date	
		Total number of pages including cover sheet <input type="text" value="3"/>			
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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503					

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ASSIGNMENT

WHEREAS, I, the sole inventor 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, General Bandwidth Inc. (hereinafter referred to as "Assignee"), a Delaware corporation, with an address of 12303-B Technology Blvd., Austin, Texas 78727-6104, desires to acquire our 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 and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I 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 I 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.

I 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 I 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.

I will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, I 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.

Title of Invention: **METHOD FOR ENCODING AN INTERFACE INDEX IN A
SNMP FORMAT**

Signature of Inventor:
Inventor's Name:


Cuong T. Nguyen

Residence (City, County, State)

3004 Persimmon Valley Trail
Travis, County, Austin, Texas 78732

Date:

03/28/02

Date Application Executed:

03/28/02