

01-21-2004

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FORM PTO 1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name and Address of Conveying Party(ies) INDIVIDUAL:

Raymond L. Hogg, 105 Camino Real East, Wylie, Collin County, Texas 75098

Individual Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and Address of receiving Party(ies):

Name: General Bandwidth Inc.

Internal Address:

Street Address: 12303-B Technology Blvd.

City: Austin

State: Texas Zip: 78727-6104

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & Address(es) attached?

Yes No

Execution Date: 6/17/03(Hogg); 12/28/02(de Veciana); 10/03/02(Whitcher); 6/3/2003(Anconetani)

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: 6/17/03; 12/28/02; 10/03/02; 6/3/2003.

A. Patent Application No.(s): 10/306,904

B. Patent No.(s):

Additional Numbers Yes No

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

Name: Barton E. Showalter
Internal Address: BAKER BOTTS L.L.P.
Street Address: 2001 Ross Avenue
City: Dallas
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

7. Total Fee (37C.F.R. 3.41): \$40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:

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9. Statement and signature.

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.

Charles S. Fish Reg. No. 35,870

Charles S. Fish
Signature

12 Jan 04
Date

Total number of pages including cover sheet

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1. Name of Conveying Parties – Continued – ALL INDIVIDUALS

Gustavo de Veciana, 702 Harris Avenue
Austin, Travis County, Texas 78705

Citizenship: United States of America

Robert H. Witcher, 5017 Valburn Court,
Austin, Travis County, Texas 78731

Citizenship: United States of America

Anthony H. Anconetani, 8010 Sunburst Parkway
Round Rock, Williamson County, Texas 78681

Citizenship: United States of America

07-03-2003



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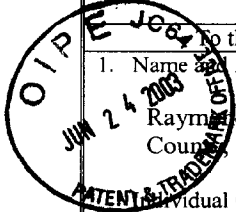
ATTORNEY DOCKET: 066303.0229

Sheet 1 of 2

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1-31-92

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Patent and Trademark Office

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1. Name and Address of Conveying Party(ies) INDIVIDUAL:

Raymond L. Hogg, 105 Camino Real East, Wylie, Collin
County, Texas 75098

6.24.03

Individual Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

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Charles S. Fish Reg. No. 35,870

Signature

June 24, 2003

Date

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07/02/2003 DBYRNE 00000206 FISH C

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DAL01:743197.1

PATENT
REEL: 014893 FRAME: 0576

1. **Name of Conveying Parties – Continued – ALL INDIVIDUALS**

Gustavo de Veciana, 702 Harris Avenue
Austin, Travis County, Texas 78705

Citizenship: United States of America

Robert H. Witcher, 5017 Valburn Court,
Austin, Travis County, Texas 78731

Citizenship: United States of America

Anthony H. Anconetani, 8010 Sunburst Parkway
Round Rock, Williamson County, Texas 78681

Citizenship: United States of America

ASSIGNMENT

WHEREAS, I, one of the undersigned joint inventors, 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 U.S. Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we 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 we 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.

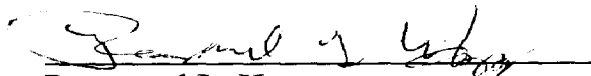
We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we 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.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we 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: **SYSTEM AND METHOD FOR ALLOCATING
BANDWIDTH IN A COMMUNICATIONS ENVIRONMENT**

Signature of Inventor:
Inventor's Name:


Raymond L. Hogg

Residence (City, County, State)

105 Camino Real East
Wylie, Collin County, Texas 75098

Date:

6/17/03

Date Application Executed:

6/17/03

Signature of Inventor:
Inventor's Name:

Gustavo de Veciana
Gustavo de Veciana

Residence (City, County, State)

702 Harris Avenue
Austin, Travis County,
Texas 78705

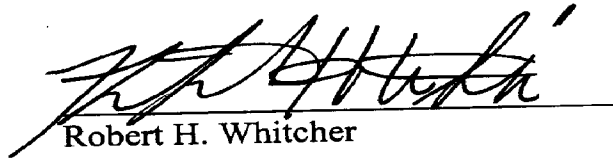
Date:

December 28, 2002

Date Application Executed:

December 28, 2002

Signature of Inventor:
Inventor's Name:


Robert H. Witcher

Residence (City, County, State)

5017 Valburn Court,
Austin, Travis County, Texas 78731

Date:

10/03/02

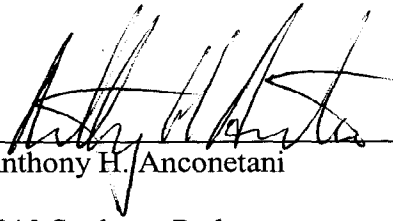
Date Application Executed:

10/03/02

ATTORNEY DOCKET NO.
066303.0229

PATENT

Signature of Inventor:
Inventor's Name:



Anthony H. Anconetani

Residence (City, County, State)

8010 Sunburst Parkway
Round Rock, Williamson County,
Texas 78681

Date:

6/3/2003

Date Application Executed:

6/3/2003

DAL01:698132.1

RECORDED: 06/24/2003

PATENT
REEL: 014893 FRAME: 0582