

05-12-2004



102743712

FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Ran Oz; S.V. Vasudevan; Nery Strasman; Amir Leventer
S.V.04
Additional name(s) of conveying party(ies) attached? No Yes

2. Name and address of receiving party(ies):
Name: BigBand Networks, Inc.
Internal Address:
Street Address: 6607 Dumbarton Circle
City: Fremont State: CA Zip: 94555
Country:
Additional name(s) & address(es) attached? No Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 2/11/04

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:
A. Patent Application No.(s)
10/683,141
Additional numbers attached? No Yes

B. Patent No.(s)
CPR/FINANCE
MAY 10 AM 7:36

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Blakely, Sokoloff, Taylor & Zafman LLP
Internal Address:
Street Address: 12400 Wilshire Boulevard
7th Floor
City: Los Angeles State: CA ZIP: 90025

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit Account Number:
02-2666
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Tarek N. Fahmi
Name of Person Signing

Signature

May 6, 2004
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

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Alexandria, VA 22313-1450

05/11/2004 MBETACHE 00000077 10683141

01 FC:8021 40.00 DP

Docket No. 5079P025

PATENT REEL: 015306 FRAME: 0013

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Ran Oz; S.V. Vasudevan; Nery Strasman; Amir Leventer

hereby sell, assign, and transfer to:

BigBand Networks, Inc.

a Corporation of Delaware, having a principal place of business at 6607 Dumbarton Circle, Fremont, California 94555 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on October 9, 2003, and assigned Application No. 10/683,141 and is entitled:

METHOD AND SYSTEM FOR TIMING MEDIA STREAM MODIFICATIONS

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Date _____ Name: **Ran Oz**

Date _____ Name: **S.V. Vasudevan**

Feb. 11 2004 _____

Date _____ Name: **Nery Strasman**

Feb 11 2004 _____

Date _____ Name: **Amir Leventer**

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Date _____ Name: _____

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 947-8200

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Date Name: **Nery Strasman**

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Telephone: (408) 947-8200

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OMD No. 0651-0011 (exp. 6/30/2005)

Recordation Form Cover Sheet
PATENTS ONLY

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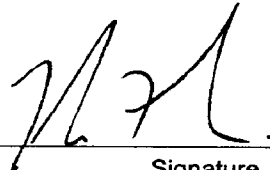
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Tarek N. Fahmi _____  _____ **May 6, 2004**
Name of Person Signing Signature Date

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Director of the US Patent and Trademark Office
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Docket No. 5079P025