

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name                  | Execution Date |
|-----------------------|----------------|
| Ran Oz                | 02/25/2007     |
| Shai Benjamin         | 02/28/2007     |
| Gilat Avieli          | 03/07/2007     |
| Nery Strasman         | 02/25/2007     |
| Amir Leventer         | 02/28/2007     |
| Mordechai Finkelstein | 02/25/2007     |
| Asi Elad              | 02/25/2007     |
| John Reister          | 03/19/2007     |

RECEIVING PARTY DATA

|                 |                        |
|-----------------|------------------------|
| Name:           | BigBand Networks, Inc. |
| Street Address: | 475 Broadway Street    |
| City:           | Redwood City           |
| State/Country:  | CALIFORNIA             |
| Postal Code:    | 94063                  |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11617637 |

CORRESPONDENCE DATA

Fax Number: (650)798-0310  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 6507980320  
Email: tfahmi@sonnenschein.com  
Correspondent Name: Tarek N. Fahmi  
Address Line 1: Post Office Box 061080  
Address Line 2: Wacker Drive Station, Sears Tower  
Address Line 4: Chicago, ILLINOIS 60606

OP \$40.00 11617637

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PATENT  
REEL: 019113 FRAME: 0096

|   |                   |
|---|-------------------|
| ATTORNEY DOCKET NUMBER:   | 40005079-0111-002 |
| NAME OF SUBMITTER:  | Tarek N. Fahmi    |
| <b>Total Attachments: 4</b><br>source=40005079-0111-002_Signed_Assignment_Filed_4-4-07#page1.tif<br>source=40005079-0111-002_Signed_Assignment_Filed_4-4-07#page2.tif<br>source=40005079-0111-002_Signed_Assignment_Filed_4-4-07#page3.tif<br>source=40005079-0111-002_Signed_Assignment_Filed_4-4-07#page4.tif |                   |

## ASSIGNMENT

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

**Ran Oz, Shai Benjamin, Gilat Avieli, Nery Strasman, Amir Leventer, Mordechai Finkelstein, Asi Elad, and John Reister**

hereby sell, assign, and transfer to:

**BigBand Networks, Inc.**

having a principal place of business at 475 Broadway Street, Redwood City, California 94063, USA ("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 December 28, 2006 and assigned Application No. 11/617,637 and is entitled:

### **Method and Device for Providing Programs to Multiple End User Devices**

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:**

Feb 25, 07

Date

  
Name: Ran Oz

Feb. 28, 2007

Date

  
Name: Shai Benjamin

Date

Name: Gilat Avieli

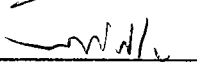
Feb. 25, 2007

Date

  
Name: Nery Strasman

Feb 27, 2007

Date

  
Name: Amir Leventer

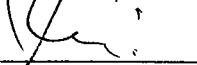
25 Feb 2007

Date

  
Name: Mordechai Finkelstein

25 Feb 2007

Date

  
Name: Asi Elad

Date


Name: John Reister

**Assignment Document Return Address:**  
SONNENSCHN NATH & ROSENTHAL LLP  
P.O. Box 061080  
Wacker Drive Station, Sears Tower  
Chicago, Illinois 60606-1080  
Telephone: 415.882.5000  
Facsimile: 415.882.5472

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**Each Inventor: Please Sign and Date Below:**

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|        |   |
|--------|---|
| Date   | Name: Ran Oz  |
| Date   | Name: Shai Benjamin   |
| 7/3/07 |  |
| Date   | Name: Gilat Avieli  |
| Date   | Name: Nery Strasman   |
| Date   | Name: Amir Leventer   |
| Date   | Name: Mordechai Finkelstein   |
| Date   | Name: Asi Elad  |
| Date   | Name: John Reister  |

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Name: Mordechai Finkelstein

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Date

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Name: Asi Elad

19 MAR 07

\_\_\_\_\_  
Date

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Name: John Reister

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