

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2670369

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>WEIMIN ZHANG</td> <td>05/15/2005</td> </tr> <tr> <td>BIN-FAN LIU</td> <td>05/15/2005</td> </tr> </tbody> </table>		Name	Execution Date	WEIMIN ZHANG	05/15/2005	BIN-FAN LIU	05/15/2005
Name	Execution Date						
WEIMIN ZHANG	05/15/2005						
BIN-FAN LIU	05/15/2005						
RECEIVING PARTY DATA							
Name:	BROADLOGIC NETWORK TECHNOLOGIES INC.						
Street Address:	1740 TECHNOLOGY DRIVE, SUITE 500						
City:	SAN JOSE						
State/Country:	CALIFORNIA						
Postal Code:	95110						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13589827</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13589827		
Property Type	Number						
Application Number:	13589827						
CORRESPONDENCE DATA							
Fax Number:	(202)371-2540						
Phone:	202-371-2600						
Email:	rhicks@skgf.com, lmiller@skgf.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	STERNE, KESSLER, GOLDSTEIN & FOX PLLC						
Address Line 1:	1100 NEW YORK AVENUE, NW						
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005						
ATTORNEY DOCKET NUMBER:	3875.5590002						
NAME OF SUBMITTER:	ROSS G. HICKS						
Signature:	/Ross G. Hicks, #56,374/						
Date:	01/07/2014						
Total Attachments: 2 source=3875.5590002 assignment#page1.tif source=3875.5590002 assignment#page2.tif							

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, WEIMIN ZHANG of 2047 Mandelway Place, San Jose, CA 95138; and BIN-FAN LIU of Raccolio Way, Livermore, CA 94550, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND SYSTEM FOR PROVIDING FASTER
 CHANNEL SWITCHING IN A DIGITAL BROADCAST
 SYSTEM

Date(s) of execution of Declaration:

Filing Date: March 17, 2005

Application No.: 11/084,058; and

WHEREAS, Broadlogic Network Technologies Inc., a corporation of the state of California, located at 1740 Technology Drive, Suite 500, San Jose, CA 95110, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

Assignment
Attorney Docket No.: 019927-003810US
Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 05/15/2005


Weimin Zhang

Dated: 5/15/2005


Bin-Fan Liu

60475154 v1