Form PTO-1595 (Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2002)	Sheet U.S. Department of Commerce U.S. Patent and Trademark Office
10050/1965	5.5.1 atent and Trademark Office
Tab settings ⇒ ⇒ ⇒ ▼ 1020243000 To the Honorable Commissioner of Patents and Trademark	
1. Name of conveying party(les): WeiMin Zhang and Jeremy Woodburn	
•	Name: BroadLogic Network Technologies Inc.
Additional name(s) of conveying party(ies) attached? ☐Yes x No.	Street Address: 1740 Technology Drive, Suite 500
3. Nature of conveyance:	City: San Jose State: CA ZIP: 95110
	Zii / Joilly
☐ Security Agreement ☐ Change of Name	Additional name(s) and address(es) attached? ☐ Yes ☒ No
Other:	
Function Date: July 22 and 20, 2002	
Execution Date: July 22 and 29, 2003	
4. Application number(s) or patent number(s):	0 E
If this document is being filed together with a new application,	the execution date of the application is:
A. Patent Application No(s): 10/420,547	2
	골 를 기계
Additional numbers a	ttached? ☐ Yes ☒ No ☐ ☐ ☐
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved
Name: Horace H. Ng	7. Total fee (37 CFR 3.41):\$40.00
TOWNSEND AND TOWNSEND AND CREW LLP	☐ Enclosed
Two Embarcadero Center, 8 th Floor	<u> </u>
San Francisco, California 94111-3834 (415) 576-0200	Authorized to be charged to deposit account
` '	
	8. Deposit account number: 20-1430
	(Attach duplicate copy of this page if paying by deposit account)
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Statement and signature.	
To the best of my knowledge and belief, the foregoing inform	ation is true and correct and any attached copy
is a true copy of the original document.	
	Kelt 8/6/03
Horace H. Ng	1/6/05
Name of Person Signing	Signature Date
Atty. Reg. No. 39,315	
	over sheet, attachments and documents: 3
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Alexandria, VA 22313-1450

PATENT

REEL: 014371 FRAME: 0686

Attorney Docket No.: 019927-002610US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, WeiMin Zhang of 2047 Mandelay Place, San Jose, CA 95138 and Jeremy Woodburn of 117A Germania Street, San Francisco, CA 95138 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: MULTI-CHANNEL ON-DEMAND SYSTEM

Date(s) of execution of Declaration: July 21, 2003

Filing Date: April 17, 2003

Application No.: 10/420,547; 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, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

PATENT REEL: 014371 FRAME: 0687

Assignment Attorney Docket No.: 019927-002610US Page 2
Dated: July 29, 2003 WeiMin Zhang
STATE OF COUNTY OF Santa Clapa) ss.
on Suly 39, 3003, before me, Maria E. (astillo personally appeared WeiMin Zhang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/se executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
My Commission Expires: Oct 29, 2004 My Commission Expires: Oct 29, 2004
Dated: July 22, 2003 Jeremy Woodburn
STATE OF California) ss.
COUNTY OF San Francisco)
on July 22, 2003, before me, Phil Sm. the personally appeared Jeremy Woodburn, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. PHIL SMITH Commission # 1295275 Notcry Public - California \$ Son Francisco County My Comm. Buckes Feb 25, 2005 NOTARY PUBLIC
My Commission Expires: February 25, 2005

SF 1476595 v1

RECORDED: 08/08/2003

PATENT REEL: 014371 FRAME: 0688