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1. Name of conveying party (jes) CE SECTION John S. Chiu, Roger Stenerson, Sricharan Kasetu, WeiMin Zhang 12 - 27 - 2 Additional name(s) of conveying party(jes) attached? Yes No.	102326106 Name: BroadLogic Network Technologies, Inc. Internal Address:
Nature of conveyance:	Street Address: 1740 Technology Drive, Suite 500
	City: <u>San Jose</u> State: <u>CA</u> ZIP: <u>95110</u>
Security Agreement Change of Name Other: Execution Date: 11/05/02, 11/06/02, 12/12/02	Additional name(s) and address(es) attached
Application number(s) or patent number(s):	fit to the same of
If this document is being filed together with a new application, t	N 2
A. Patent Application No(s): 10/242,947	B. Patent No(s):
Additional numbers at	│ tached?
Name and address of party to whom correspondence	6. Total number of applications and patents involved 1
concerning document should be mailed:	
Name: Rodney C. LeRoy TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200	7. Total fee (37 CFR 3.41):\$40.00
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PATENT REEL: 013607 FRAME: 0366

Attorney Docket No.: 019927-002310US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, John S. Chiu of 2887 Arf Avenue, Hayward, CA 94545; Roger Stenerson of 972 Belmont Terrace #5, Sunnyvale, CA 94086; Sricharan Kasetti of 3719 Europe Court, Santa Clara, CA 95051; WeiMin Zhang of 2047 Mandalay Place, San Jose, 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: HIGH-SPEED LOW-POWER IMPLEMENTATION FOR

MULTI-CHANNEL NUMERICALLY CONTROLLED

OSCILLATOR (NCO)

Date(s) of execution of Declaration:

Filing Date: September 13, 2002

Application No.: 10/242,947; 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.

Dated: 11-6-82 John S. Chiu

Dated: Roger Stenerson

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Assignment

Attorney Docket No.: 019927-002310US

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Dated: Dec 12th 2002

Sricharan Kasetti

Dated:

Nov. 5th, 2002

WeiMin Zhang

PA 3262167 v1

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PATENT REEL: 013607 FRAME: 0368