

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Dr. Allen E Eckhardt</td> <td>07/31/2012</td> </tr> <tr> <td>Jonathan Benton</td> <td>07/31/2012</td> </tr> <tr> <td>Dr. Deborah Boles</td> <td>08/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dr. Allen E Eckhardt	07/31/2012	Jonathan Benton	07/31/2012	Dr. Deborah Boles	08/08/2012
Name	Execution Date								
Dr. Allen E Eckhardt	07/31/2012								
Jonathan Benton	07/31/2012								
Dr. Deborah Boles	08/08/2012								
RECEIVING PARTY DATA									
Name:	Advanced Liquid Logic Inc								
Street Address:	615 Davis Drive, STE 800								
City:	Morrisville								
State/Country:	NORTH CAROLINA								
Postal Code:	27560								
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>13542721</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13542721				
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Application Number:	13542721								
CORRESPONDENCE DATA									
Fax Number:	9192879011								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	919-287-9010								
Email:	patents@liquid-logic.com								
Correspondent Name:	Advanced Liquid Logic Inc								
Address Line 1:	PO Box 14025								
Address Line 4:	RTP, NORTH CAROLINA 27709								
ATTORNEY DOCKET NUMBER:	206UTL								
NAME OF SUBMITTER:	William A. Barrett								
<p>Total Attachments: 4</p> <p>source=206UTL_Assignment-Fully_Signed#page1.tif</p> <p>source=206UTL_Assignment-Fully_Signed#page2.tif</p> <p>source=206UTL_Assignment-Fully_Signed#page3.tif</p> <p>source=206UTL_Assignment-Fully_Signed#page4.tif</p>									

OP \$40.00 13542721

PATENT ASSIGNMENT

This Assignment is made by Allen E. Eckhardt, of Durham, North Carolina, Jonathan Benton of Apex, North Carolina and Deborah Boles, of ^{Cam}~~Raleigh~~, North Carolina (hereinafter "Assignors"), to Advanced Liquid Logic Inc, a corporation duly organized and existing under the laws of the State of Delaware having its principal office and place of business at 615 Davis Drive, Suite 800, Morrisville, North Carolina 27560 (hereinafter "Assignee").

WHEREAS, Assignors have invented certain new and useful improvements concerning SYSTEMS FOR AND METHODS OF HYBRID PYROSEQUENCING, the invention being described in and identified by an application for United States Letters Patent, filed July 6, 2012 as U.S. Patent Application Serial No. 13/542,721.

AND, WHEREAS, Assignee desires to acquire the entire right, title, and interest in the application and the invention and improvements on the invention, and in Letters Patent on the same when granted in the United States and foreign countries.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors by these presents do hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, the entire right, title, and interest in and to the application and the invention, and in any improvements on the invention previously or in the future made or acquired by Assignors, and to all rights of priority to the same pursuant to the International Convention for the Protection of Industrial Property, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions of any U.S. or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

Assignors further warrant and represent that, at the time of the execution and delivery of these presents, Assignors possess their full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for said invention in all countries and to vest in the Assignee complete title to the invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

ASSIGNORS:

Allen E. Eckhardt 7/31/12
Allen E. Eckhardt Date

STATE OF North Carolina
COUNTY OF Wake

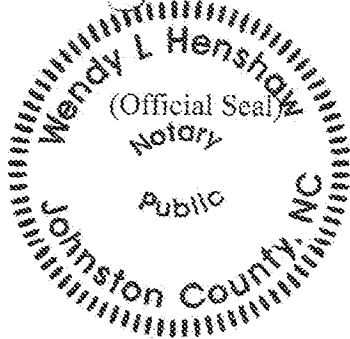
Sword to or affirmed and subscribed before me this day by
Name: Allen E. Eckhardt

Date: July 31, 2012

Wendy L. Henshaw
Signature of Notary Public

Wendy L. Henshaw
Notary's printed or typed name

My commission expires: March 1, 2015



Jonathan Benton
Jonathan Benton

7/31/2012
Date

STATE OF North Carolina
COUNTY OF Wake

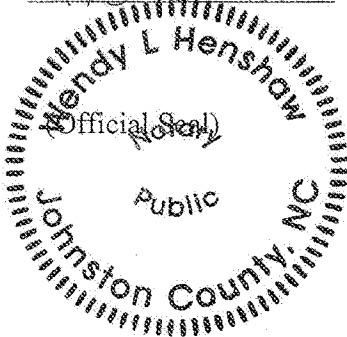
Sword to or affirmed and subscribed before me this day by
Name: Jonathan Benton

Date: 7/31/2012

Wendy L. Henshaw
Signature of Notary Public

Wendy L. Henshaw
Notary's printed or typed name

My commission expires: March 1, 2015



Deborah Boles
Deborah Boles

8/8/2012
Date

STATE OF North Carolina
COUNTY OF Durham, NC

Sword to or affirmed and subscribed before me this day by

Name: Deborah Boles

Date: 8-8-12

Tennette H. Jones
Signature of Notary Public

Tennette H. Jones
Notary's printed or typed name

My commission expires: 10-3-15

