

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>Stephen LYNCH</td> <td>10/24/2011</td> </tr> <tr> <td>Jon BORRESEN</td> <td>10/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Stephen LYNCH	10/24/2011	Jon BORRESEN	10/24/2011
Name	Execution Date						
Stephen LYNCH	10/24/2011						
Jon BORRESEN	10/24/2011						
RECEIVING PARTY DATA							
Name:	MANCHESTER METROPOLITAN UNIVERSITY						
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Internal Address:	All Saints						
City:	Manchester						
State/Country:	UNITED KINGDOM						
Postal Code:	M15 6BH						
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>13807022</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13807022		
Property Type	Number						
Application Number:	13807022						
CORRESPONDENCE DATA							
Fax Number:	5126103456						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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Correspondent Name:	Mark E. Scott - CONLEY ROSE, P.C.						
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ATTORNEY DOCKET NUMBER:	2135-04700						
NAME OF SUBMITTER:	Mark E. Scott						
Total Attachments: 2 source=2135-04700-Asnmt-Exec#page1.tif source=2135-04700-Asnmt-Exec#page2.tif							

CH \$40.00 13807022

PATENT

ASSIGNMENT

THIS ASSIGNMENT is made BETWEEN

Stephen LYNCH, 26 Ribblesdale Avenue, Congleton, Cheshire CW12 2BS, United Kingdom; **Jon BORRENSEN**, 7 Newport Road, Chorlton-Cum-Hardy, Manchester M21 9WL United Kingdom (hereinafter collectively called "the Assignors");

AND

Manchester Metropolitan University, All Saints Building, All Saints, Manchester M15 6BH, United Kingdom (hereinafter called "the Assignee").

WHEREAS

(A) The Assignors are the inventors of an invention relating to **Binary Half Adder and other Logic Circuits** (hereinafter referred to as "the Invention") which is the subject of an International Patent Application No. **PCT/GB2011/000999** on **1 July 2011** and designating amongst other countries the United States of America (hereinafter referred to as "the Application")

(B) The Assignors are the applicants for the Application in so far as it relates to the United States of America

(C) The parties hereto have agreed that all the Assignors' rights in the Invention and the Application and rights ancillary thereto should be transferred by the Assignors to the Assignee for the consideration hereinafter set forth.

NOW THIS ASSIGNMENT WITNESSETH AS FOLLOWS:

1. In consideration of the sum of £1 paid by the Assignee to the Assignors (the receipt of whereof is hereby acknowledged) the Assignors hereby assign to the Assignee with full title guarantee all the Assignors' right, title and interest in the Invention and the Application insofar as it relates to the United States of America, and all the rights, powers, liberties and immunities conferred on the proprietor thereof by the grant of Patents thereon free from all incumbrances, including the right to sue for damages or other remedies in respect of any infringement of such rights prior to the date hereof TO HOLD unto the Assignee absolutely.
2. The Assignors agree to execute all papers and documents necessary in connection with the Application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
3. The Assignors agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
4. The Assignors hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any division or divisions or continuing applications thereof to the Assignee, as Assignee of the entire interest, and each hereby covenants that he has full right to convey the entire interest herein assigned and that he has not executed and will not execute any agreement in conflict herewith.
5. The Assignors hereby grant the firm of MARKS & CLERK LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE EXECUTED THIS ASSIGNMENT

EXECUTED ON 1st December 2011 [date]
FOR AND ON BEHALF OF THE ASSIGNEE BY


.....
Authorized Officer of **Manchester Metropolitan University**

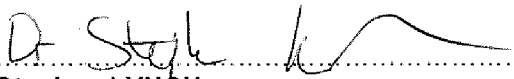
Name: Mr L. Grant Position: F.D. & C.O.O.

IN THE PRESENCE OF



.....
WITNESS

Name: DAVID WORRALL

EXECUTED ON 24th October 2011 [date]
BY ONE OF THE ASSIGNORS



.....
Stephen LYNCH

IN THE PRESENCE OF



.....
WITNESS

Name: MADHU RAMACHANDRAN

EXECUTED ON 24th October 2011 [date]
BY ONE OF THE ASSIGNORS


.....
Jon BORRESEN

IN THE PRESENCE OF


.....
WITNESS

Name: MADHU RAMACHANDRAN
