

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Nithin Mohan Thomas</td> <td>03/30/2010</td> </tr> <tr> <td>David Roger Bull</td> <td>03/30/2010</td> </tr> <tr> <td>David Wallace Redmill</td> <td>03/30/2010</td> </tr> </tbody> </table>		Name	Execution Date	Nithin Mohan Thomas	03/30/2010	David Roger Bull	03/30/2010	David Wallace Redmill	03/30/2010				
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The University of Bristol, a British company</td> </tr> <tr> <td>Street Address:</td> <td>Senate House</td> </tr> <tr> <td>Internal Address:</td> <td>Tyndall Avenue, Clifton</td> </tr> <tr> <td>City:</td> <td>Bristol</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>BS8 1TH</td> </tr> </table>		Name:	The University of Bristol, a British company	Street Address:	Senate House	Internal Address:	Tyndall Avenue, Clifton	City:	Bristol	State/Country:	UNITED KINGDOM	Postal Code:	BS8 1TH
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PROPERTY NUMBERS Total: 1													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (510)663-0920</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (510) 663-1100</p> <p>Email: rberman@wavsip.com</p> <p>Correspondent Name: Weaver Austin Villeneuve &amp; Sampson LLP</p> <p>Address Line 1: P.O. Box 70250</p> <p>Address Line 4: Oakland, CALIFORNIA 94612-0250</p>													
ATTORNEY DOCKET NUMBER:	HASLP027												
NAME OF SUBMITTER:	Jeffrey K. Weaver												
<p>Total Attachments: 2</p> <p>source=HASLP027_Assignment_EXECUTED#page1.tif</p>													

CH \$40.00 12732006

**501152729**

**PATENT**  
**REEL: 024257 FRAME: 0769**



## ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

### DATA ENCRYPTION

(Atty. Docket No. HASLP027/P114668US00/DCO), (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
☒ which bears U.S. application No. 12/732,006. (Not accompanying)  
☐ which is a U.S. provisional application. (Accompanying)


For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:


- 1) Sell, assign and transfer to The University of Bristol, a British company having a place of business at Senate House, Tyndall Avenue, Clifton, Bristol BS8 1TH, United Kingdom ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1) Signature:  Date: 30/03/2010  
Typed Name: Nithin Mohan Thomas

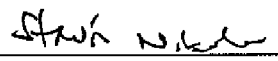
If signed outside the United States of America, have two witnesses who also sign below:

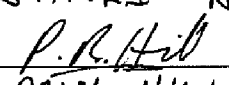
1) Signature:  Date: 30 Mar 2010  
Printed Name: Nanthura Anantarasrichai

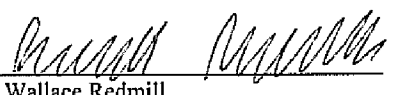
2) Signature:  Date: 30/03/2010  
Printed Name: PAUL HILL

2) Signature:  Date: 30/03/2010  
Typed Name: David Roger Bull

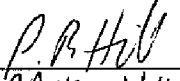
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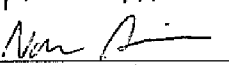
1) Signature:  Date: 30/03/2010  
Printed Name: STAVRI NIKOLOV

2) Signature:  Date: 30/03/2010  
Printed Name: PAUL HILL

3) Signature:  Date: 30/03/2010  
Typed Name: David Wallace Redmill

If signed outside the United States of America, have two witnesses who also sign below:

1) Signature:  Date: 30/03/2010  
Printed Name: PAUL HILL

2) Signature:  Date: 30/03/2010  
Printed Name: Pantelena Anantjesi