

PATENT ASSIGNMENT

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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>Niklas Adam Bilbo SKOLD</td> <td>08/13/2012</td> </tr> <tr> <td>Anthony John BENNETT</td> <td>08/07/2012</td> </tr> <tr> <td>Andrew James SHIELDS</td> <td>08/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Niklas Adam Bilbo SKOLD	08/13/2012	Anthony John BENNETT	08/07/2012	Andrew James SHIELDS	08/07/2012
Name	Execution Date								
Niklas Adam Bilbo SKOLD	08/13/2012								
Anthony John BENNETT	08/07/2012								
Andrew James SHIELDS	08/07/2012								
RECEIVING PARTY DATA									
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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>13561843</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13561843				
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Application Number:	13561843								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	LaKisha M. Durham								
Total Attachments: 3 source=402728USAssignment#page1.tif source=402728USAssignment#page2.tif source=402728USAssignment#page3.tif									

OP \$40.00 13561843

402728US2CRL

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Niklas Adam Bilbo SKOLD,

Anthony John BENNETT, and

Andrew James SHIELDS all of Cambridge, Cambridgeshire, United Kingdom.

_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: QUANTUM MEMORY

(Application No. 13/561,843, filed July 30, 2012), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Kabushiki Kaisha Toshiba

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 105-8001, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

We (I) hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)
_____	_____	_____
_____	_____	_____

And we (I) hereby appoint the following registered practitioner(s):

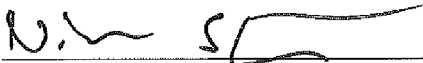
The Practitioners Associated With Customer Number
22850

as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to

The Address Associated With Customer Number
22850

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Niklas Adam Bilbo SKOLD
NAME OF FIRST OR SOLE INVENTOR


Signature of Inventor

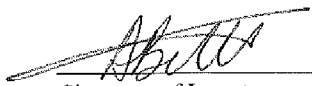
13/8 2012
Date

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Kingdom

Citizen of: Sweden

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Anthony John BENNETT
NAME OF SECOND JOINT INVENTOR


Signature of Inventor

7-8-12
Date

Andrew James SHIELDS
NAME OF THIRD JOINT INVENTOR


Signature of Inventor

7-8-12
Date
(OSMMN 09/2005)

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