

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                   |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                       |
| CONVEYING PARTY DATA   |                                  |
| Name   | Execution Date                   |
| Toshiba Research Europe Limited  | 05/06/2009                       |
| RECEIVING PARTY DATA   |                                  |
| Name:  | KABUSHIKI KAISHA TOSHIBA         |
| Street Address:  | 1-1, Shibaura 1-chome, Minato-Ku |
| City:  | Tokyo                            |
| State/Country:   | Japan                            |
| Postal Code:   | 105-8001                         |
| PROPERTY NUMBERS Total: 1  |                                  |
| Property Type  | Number                           |
| Application Number:  | 11686719                         |
| CORRESPONDENCE DATA  |                                  |
| Fax Number:  | (703)413-2220                    |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                  |
| Phone:   | (703) 413-3000                   |
| Email:   | khudson@oblon.com                |
| Correspondent Name:  | Oblon, Spivak, et al.            |
| Address Line 1:  | 1940 Duke Street                 |
| Address Line 4:  | Alexandria, VIRGINIA 22314       |
| ATTORNEY DOCKET NUMBER:  | 305563US2                        |
| NAME OF SUBMITTER:   | Karen L. Hudson                  |
| Total Attachments: 2<br>source=305563 asn#page1.tif<br>source=305563 asn#page2.tif   |                                  |

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REEL: 022739 FRAME: 0356

## ASSIGNMENT

WHEREAS, Toshiba Research Europe Limited of Cambridge Research Laboratory, 260 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WE, United Kingdom, a corporation organized and existing under the laws of the United Kingdom, is the exclusive owner, by assignment, of the application for letters patent of the United States of America Application No. 11/686,719, filed March 15, 2007; and

WHEREAS, Kabushiki Kaisha Toshiba of 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan, a corporation organized and existing under the laws of the Country of Japan (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said application for letters patent and the inventions described therein;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00) and other valuable consideration, the receipt of which is hereby acknowledged, Toshiba Research Europe Limited by these presents do sell, assign, and transfer unto said ASSIGNEE the entire right, title and interest for the territory of the United States of America in and to the aforesaid application for letters patent and the invention described therein and in and to any and all Letters Patent which may be granted therefor and in and to any and all divisions, continuations, substitutions and renewals thereof.

Toshiba Research Europe Limited hereby authorizes and requests the Patent Office in the United States and its territorial possessions to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of its entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,

its 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 Toshiba Research Europe Limited had this Assignment and sale not been made.

IN TESTIMONY WHEREOF, Toshiba Research Europe Limited, has caused these presents to be signed by its officer hereunto duly authorized.

TOSHIBA RESEARCH EUROPE LIMITED

Date: 6/5/2009

By: Roberto Cipolla  
Name: R. Cipolla  
Title: Director