

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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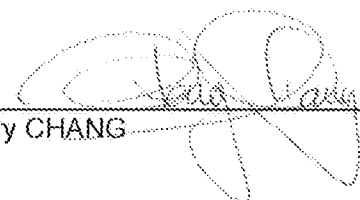
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|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                          |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                              |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>                   |
| HENRY CHANG   | 08/19/2011                              |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | KYOCERA CORPORATION                     |
| <b>Street Address:</b>  | 6 TAKEDA TOBADONO-CHO, FUSHIMI-KU       |
| <b>City:</b>  | KYOTO                                   |
| <b>State/Country:</b>   | JAPAN                                   |
| <b>Postal Code:</b>   | 612-8501                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>                           |
| Application Number:   | 15187013                                |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (858)292-1614                           |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Phone:</b>   | 858-882-2000                            |
| <b>Email:</b>   | KII-USPatents@kyocera.com               |
| <b>Correspondent Name:</b>  | KYOCERA INTERNATIONAL INC. INTELLECTUAL |
| <b>Address Line 1:</b>  | 8611 BALBOA AVE                         |
| <b>Address Line 4:</b>  | SAN DIEGO, CALIFORNIA 92123             |
| <b>ATTORNEY DOCKET NUMBER:</b>  | TUC1 00201                              |
| <b>NAME OF SUBMITTER:</b>   | STEPHANIE TINSLEY                       |
| <b>SIGNATURE:</b>   | /stephanie tinsley/                     |
| <b>DATE SIGNED:</b>   | 06/20/2016                              |
| <b>Total Attachments: 1</b>   |   |
| source=20160819_Assignment_TUTL00201US#page1.tif  |   |

**ASSIGNMENT**

For valuable consideration, I, Henry CHANG, of San Diego, CA hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, 612-8501, Japan; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by us, entitled **MINIMIZATION DRIVE TEST WITH REDUCED WIRELESS DEVICE MEMORY USAGE**, having attorney docket number TUTL 00201,

filed August 25, 2011, and having a U.S. application number 13/218,303, yet to be assigned, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 8/19/11

  
Henry CHANG