

PATENT ASSIGNMENT

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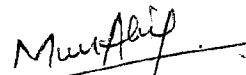
SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Muhammad ATIF</td> <td>05/02/2012</td> </tr> <tr> <td>Muhammad SIDDIQUI</td> <td>05/02/2012</td> </tr> <tr> <td>Christian UNRUH</td> <td>05/02/2012</td> </tr> <tr> <td>Markus KAMM</td> <td>05/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Muhammad ATIF	05/02/2012	Muhammad SIDDIQUI	05/02/2012	Christian UNRUH	05/02/2012	Markus KAMM	05/02/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SONY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan, Minato-ku</td> </tr> <tr> <td>City:</td> <td>TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-0075</td> </tr> </table>		Name:	SONY CORPORATION	Street Address:	1-7-1 Konan, Minato-ku	City:	TOKYO	State/Country:	JAPAN	Postal Code:	108-0075
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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>13454541</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13454541						
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Application Number:	13454541										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Mesfin Kassaye										
Total Attachments: 2 source=398093US8XASSIGNMENT#page1.tif source=398093US8XASSIGNMENT#page2.tif											

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

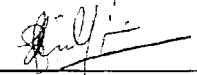
The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 02.05.2012



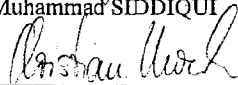
(Signature of Inventor) Muhammad ATIF

Date: 02.05.12



(Signature of Inventor) Muhammad SIDDIQUI

Date: 02.05.12



(Signature of Inventor) Christian UNRUH

Date: May 2nd 2012



(Signature of Inventor) Markus KAMM

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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