

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	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>Takashi Hatakeyama</td> <td>11/18/2008</td> </tr> <tr> <td>Minoru Yoshida</td> <td>11/18/2008</td> </tr> <tr> <td>Takao Izumi</td> <td>11/18/2008</td> </tr> <tr> <td>Hiroshi Murata</td> <td>11/18/2008</td> </tr> </tbody> </table>		Name	Execution Date	Takashi Hatakeyama	11/18/2008	Minoru Yoshida	11/18/2008	Takao Izumi	11/18/2008	Hiroshi Murata	11/18/2008
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1-1, Shibaura 1-chome</td> </tr> <tr> <td><b>City:</b></td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>105-8001</td> </tr> </table>		<b>Name:</b>	KABUSHIKI KAISHA TOSHIBA	<b>Street Address:</b>	1-1, Shibaura 1-chome	<b>City:</b>	Minato-ku, Tokyo	<b>State/Country:</b>	JAPAN	<b>Postal Code:</b>	105-8001
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (216)696-8731</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2166968730</p> <p>Email: mfolger@thepatentattorneys.com</p> <p>Correspondent Name: Turocy &amp; Watson, LLP</p> <p>Address Line 1: 127 Public Square</p>											

OP \$40.00 12899690

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**PATENT**  
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ATTORNEY DOCKET NUMBER:	AIPLP294USA
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NAME OF SUBMITTER:	Gregory Turocy
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Docket No. \_\_\_\_\_

**ASSIGNMENT**

For good and valuable consideration received of the hereinafter named assignees, receipt of which is hereby acknowledged, the undersigned

**Takashi HATAKEYAMA**

**c/o Intellectual Property division  
Toshiba TEC Kabushiki Kaisha  
2-17-2, Higashigotanda, Shinagawa-ku, Tokyo  
141-8664, Japan**

**Minoru YOSHIDA**

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**Takao IZUMI**

**c/o Intellectual Property division  
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141-8664, Japan**

**Hiroshi MURATA**

**c/o Intellectual Property division  
Toshiba TEC Kabushiki Kaisha  
2-17-2, Higashigotanda, Shinagawa-ku, Tokyo  
141-8664, Japan**

hereby sell and assign to Kabushiki Kaisha Toshiba having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, and Toshiba Tec Kabushiki Kaisha having a business address at 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo, Japan, their successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

**DEVELOPING DEVICE**

for which application for United States Letters Patent has been filed on December 2, 2008 under Serial No. 12/326,531 or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any

Docket No.

and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignees being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignees or otherwise as said assignees may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignees in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignees as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignees all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignees, to furnish said assignees with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

Amin, Turocy & Calvin, LLP, 57<sup>th</sup> Floor - Key Tower, 127 Public Square, Cleveland, Ohio 44114.

Signed:

Date:

Takashi Hatakeyama  
Takashi HATAKEYAMA

Nov. 18, 2008

Signed:

Date:

Minoru Yoshida  
Minoru YOSHIDA

Nov. 18, 2008

Signed:

Date:

Takao Izumi  
Takao IZUMI

Nov. 18, 2008

Signed:

Hiroshi Murata

Hiroshi MURATA

Date:

Nov. 18, 2008