

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Makoto Asakura</td><td>01/26/2006</td></tr><tr><td>Hideo Sado</td><td>01/26/2006</td></tr></tbody></table>	Name	Execution Date	Makoto Asakura	01/26/2006	Hideo Sado	01/26/2006					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Kabushiki Kaisha Toshiba</td></tr><tr><td>Street Address:</td><td>1-1, Shibaura 1-chome</td></tr><tr><td>City:</td><td>Minato-ku, Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>105-8001</td></tr></table>	Name:	Kabushiki Kaisha Toshiba	Street Address:	1-1, Shibaura 1-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	105-8001	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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Total Attachments: 2 source=Assn#page1.tif source=Assn#page2.tif											

OP \$40.00 11759547

PATENT

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REEL: 019421 FRAME: 0766

ASSIGNMENT

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned
Makoto ASAKURA and Hideo SADO
hereby sell and assign to Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan its 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

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for which application for United States Letters Patent has been filed on Jan. 11, 2006 under Serial No. 11/329,599 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 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 assignee 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 assignee or otherwise as said assignee 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 assignee 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 assignee 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 assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee 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 such as, for example, the U.S. Serial No. and filing date.

13G040782-USA-A

PTBA-05050-US

Amin & Turocy, LLP, 24th Floor National City Center, 1900 East 9th Street, Cleveland, Ohio
44114.

Signed:

Makoto Asakura

Makoto ASAKURA

Signed:

Hideo Sado

Hideo SADO

Date:

January 26, 2006

Date:

January 26, 2006